

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080819\
 Data File : VN057126.D
 Acq On : 8 Aug 2019 12:45
 Operator : JC/SP
 Sample : K4092-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-080719-C

Quant Time: Aug 09 03:14:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:49:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1535252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	2151327	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.90	117	1812014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.87	152	478129	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	713929	45.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.44%	
35) Dibromofluoromethane	6.99	113	643647	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	
50) Toluene-d8	9.56	98	2516183	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
62) 4-Bromofluorobenzene	11.92	95	676047	40.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.24%	

Target Compounds				Qvalue		
8) Diethyl Ether	3.14	74	2269	0.268	ug/l	72
11) Tert butyl alcohol	4.24	59	2443	1.087	ug/l #	73
13) Acrolein	3.31	56	302	0.212	ug/l	100
16) Acetone	3.48	43	59901	12.562	ug/l	99
18) Methyl Acetate	3.90	43	15823	0.463	ug/l	93
20) Methylene Chloride	4.10	84	107179	6.811	ug/l	94
25) 2-Butanone	6.22	43	3959	0.543	ug/l	94
29) Tetrahydrofuran	6.61	42	1363	0.278	ug/l #	86
30) Chloroform	6.76	83	7304	0.277	ug/l	99
31) Cyclohexane	7.04	56	22437	0.980	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	90272	5.096	ug/l #	49
38) Carbon Tetrachloride	7.05	117	128371	6.954	ug/l #	16
43) Isopropyl Acetate	7.56	43	54875	2.202	ug/l #	90
48) Methyl methacrylate	8.62	41	24086	2.050	ug/l #	19
49) 1,4-Dioxane	8.69	88	221	0.923	ug/l #	27
51) 4-Methyl-2-Pentanone	9.45	43	8948	0.617	ug/l	89
54) cis-1,3-Dichloropropene	9.36	75	158084	7.321	ug/l #	61
57) 1,3-Dichloropropane	10.25	76	30426	1.348	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.16	63	33	13.119	ug/l #	47
59) 2-Hexanone	10.25	43	398331	40.584	ug/l #	48
71) Bromoform	11.92	173	3735	0.374	ug/l #	1
73) Isopropylbenzene	11.77	105	1739	Below Cal		96
74) N-amyl acetate	11.39	43	33589	2.772	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	11.91	83	250	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.92	75	308723	32.016	ug/l #	100
79) 2-Chlorotoluene	12.30	91	1952	Below Cal		97
80) 1,3,5-Trimethylbenzene	12.26	105	14453	0.392	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.92	75	308723	94.939	ug/l #	14
83) tert-Butylbenzene	12.52	119	1233	Below Cal		95
84) 1,2,4-Trimethylbenzene	12.57	105	17995	0.504	ug/l	98
90) Hexachloroethane	13.42	117	527	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.45	180	1438	6.113	ug/l #	71
94) Hexachlorobutadiene	14.55	225	599	Below Cal	#	54
95) Naphthalene	14.66	128	7674	3.425	ug/l #	94

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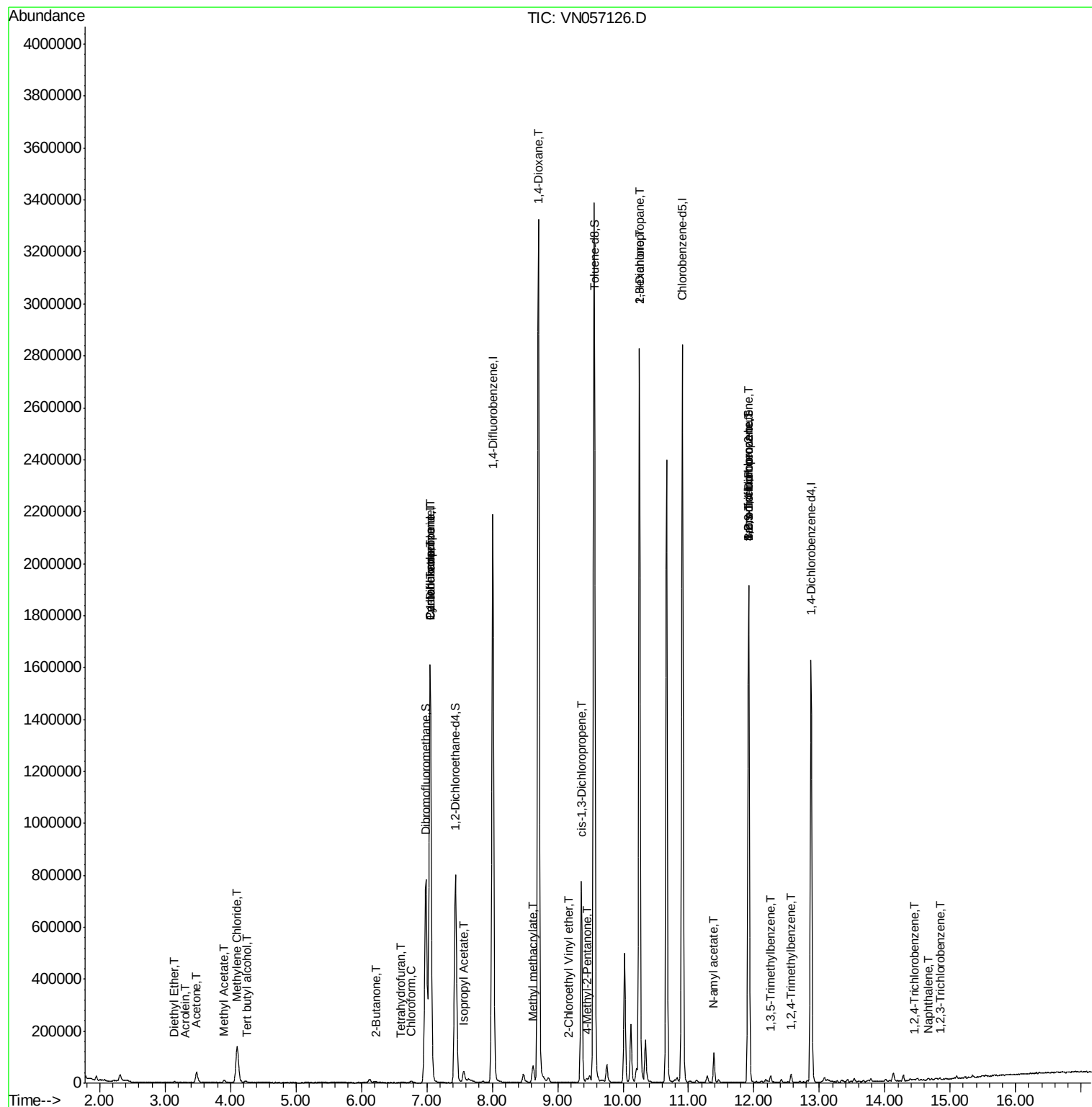
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.84	180	2595	6.042	ug/l	72

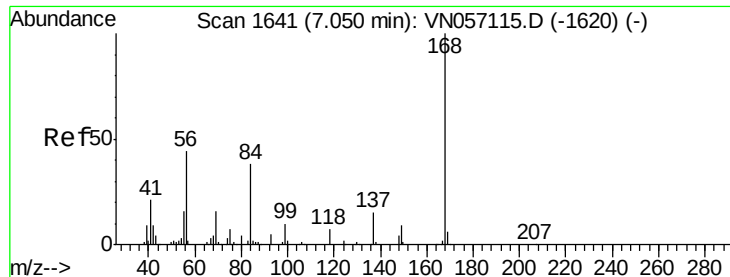
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. 0.00 min

Lab File: VN057126.D

Acq: 8 Aug 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

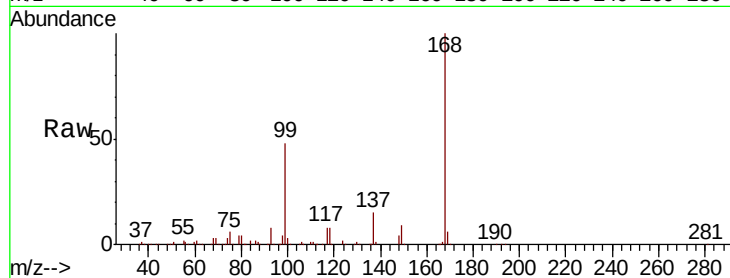
EO-01-080719-C

Tgt Ion:168 Resp: 1535252

Ion Ratio Lower Upper

168 100

99 48.1 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): VN057115.D (-1620) (-)

Ion 98.90 (98.60 to 99.60): VN057115.D (-1620) (-)

7.05

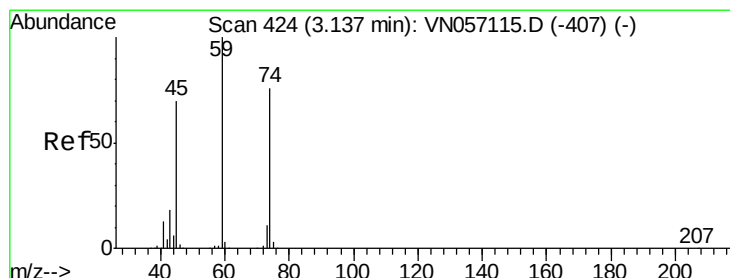
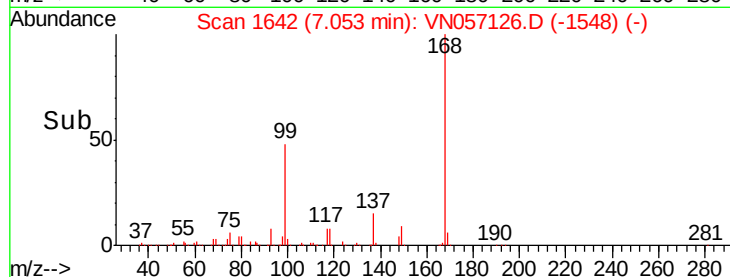
600000

400000

200000

0

Time--> 6.90 7.00 7.10 7.20



#8

Diethyl Ether

Concen: 0.268 ug/l

RT: 3.14 min Scan# 424

Delta R.T. 0.00 min

Lab File: VN057126.D

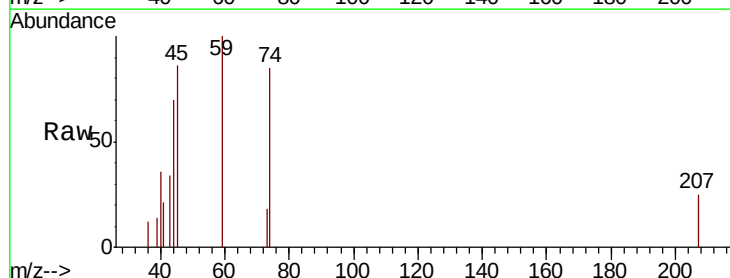
Acq: 8 Aug 2019 12:45

Tgt Ion: 74 Resp: 2269

Ion Ratio Lower Upper

74 100

45 119.3 46.3 138.8



Abundance Ion 74.00 (73.70 to 74.70): VN057115.D (-407) (-)

Ion 45.00 (44.70 to 45.70): VN057115.D (-407) (-)

3.14

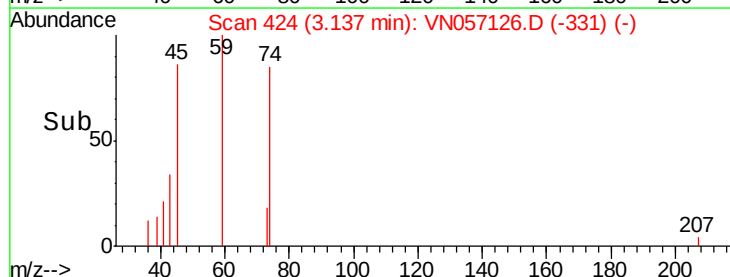
1500

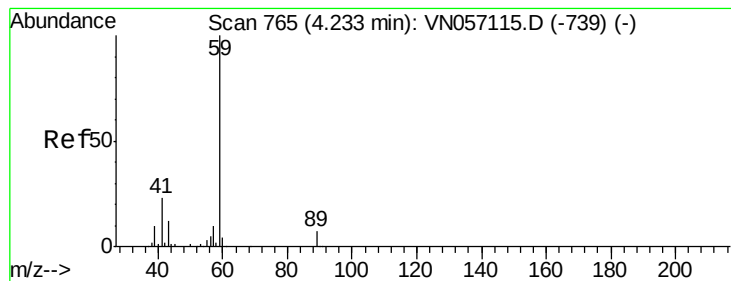
1000

500

0

Time--> 3.10 3.15



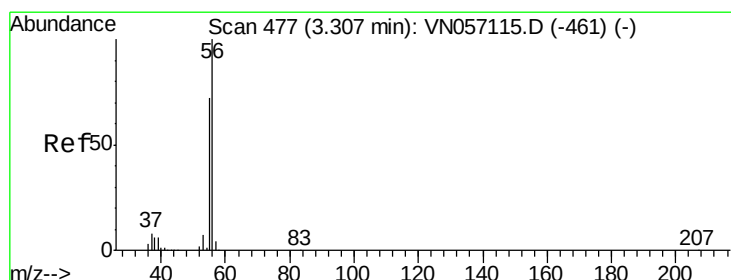
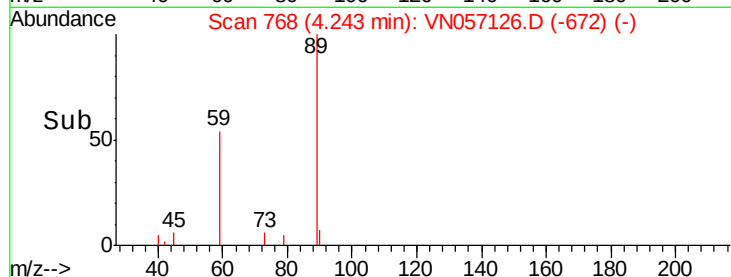
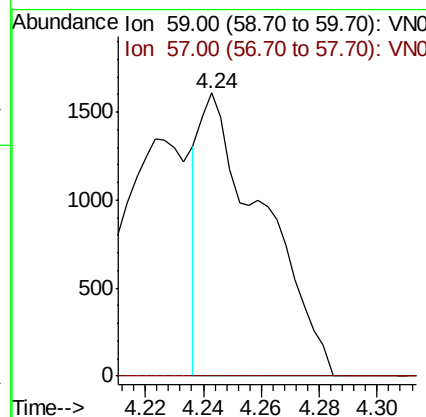
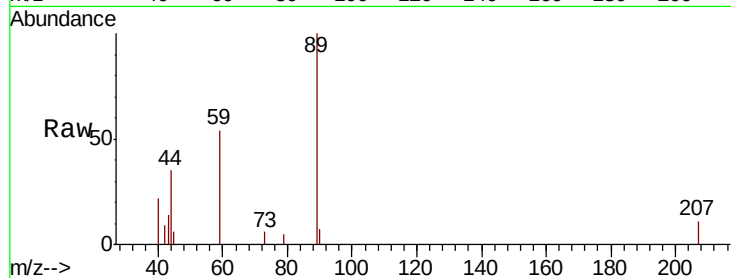


#11

Tert butyl alcohol
 Concen: 1.087 ug/l
 RT: 4.24 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: VN057126.D
 Acq: 8 Aug 2019 12:45

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-080719-C

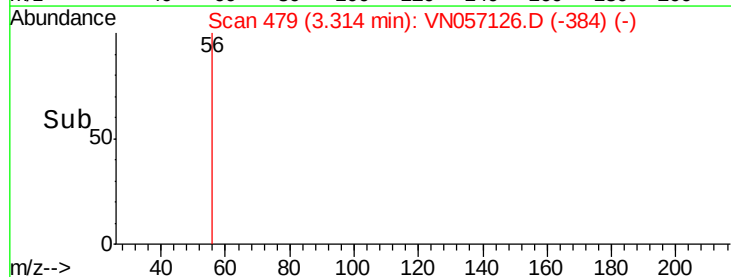
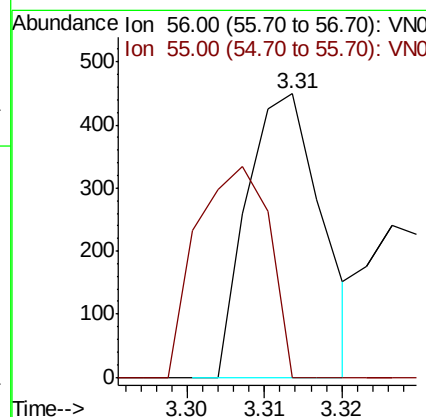
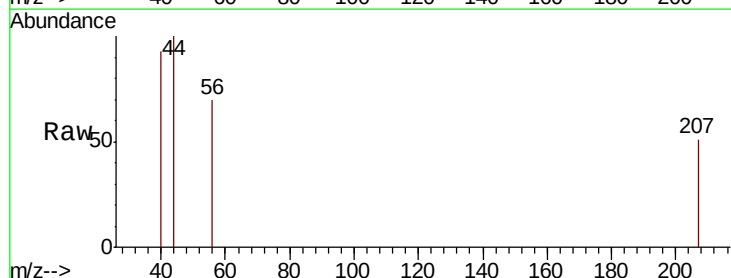
Tgt Ion: 59 Resp: 2443
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.9 11.9#

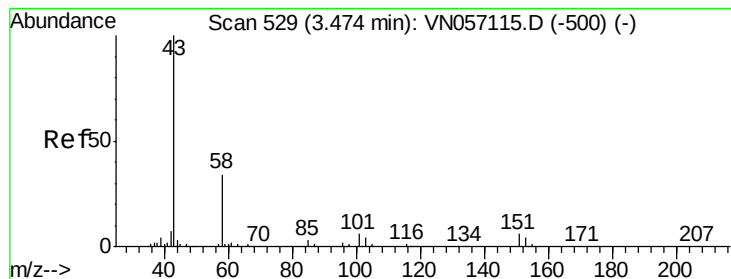


#13

Acrolein
 Concen: 0.212 ug/l
 RT: 3.31 min Scan# 479
 Delta R.T. 0.01 min
 Lab File: VN057126.D
 Acq: 8 Aug 2019 12:45

Tgt Ion: 56 Resp: 302
 Ion Ratio Lower Upper
 56 100
 55 72.2 57.7 86.5





#16

Acetone

Concen: 12.562 ug/l

RT: 3.48 min Scan# 531

Delta R.T. 0.01 min

Lab File: VN057126.D

Acq: 8 Aug 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

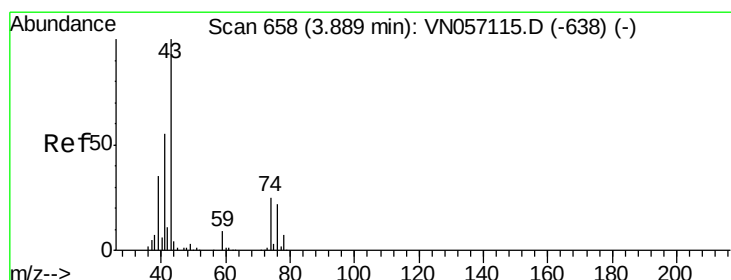
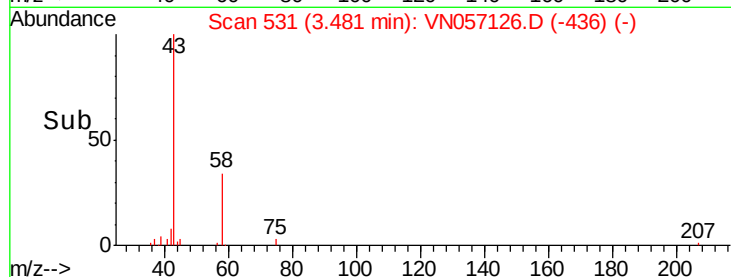
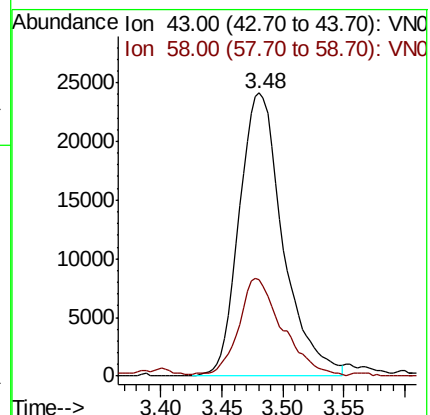
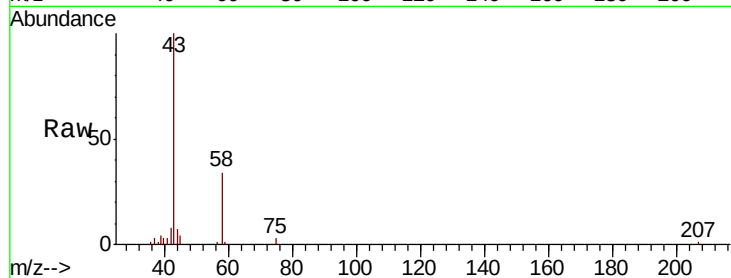
EO-01-080719-C

Tgt Ion: 43 Resp: 59901

Ion Ratio Lower Upper

43 100

58 33.6 27.4 41.2



#18

Methyl Acetate

Concen: 0.463 ug/l

RT: 3.90 min Scan# 662

Delta R.T. 0.01 min

Lab File: VN057126.D

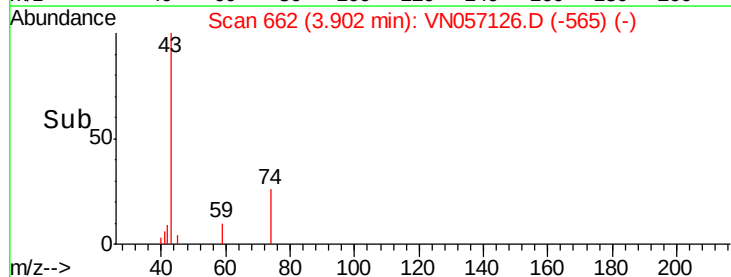
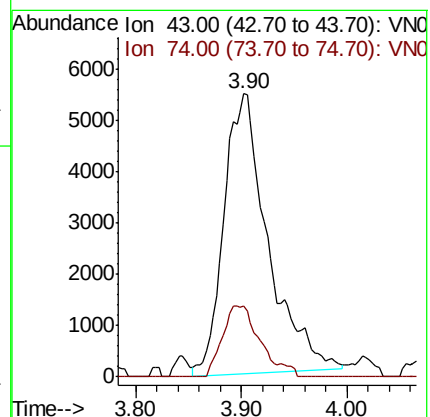
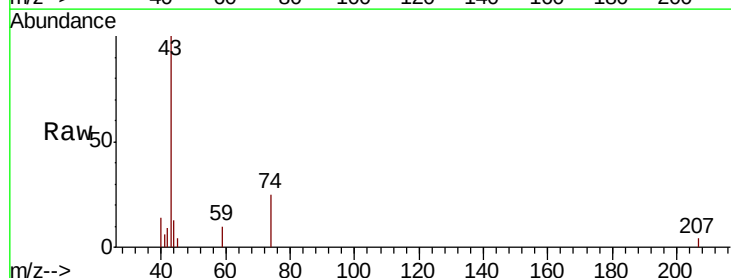
Acq: 8 Aug 2019 12:45

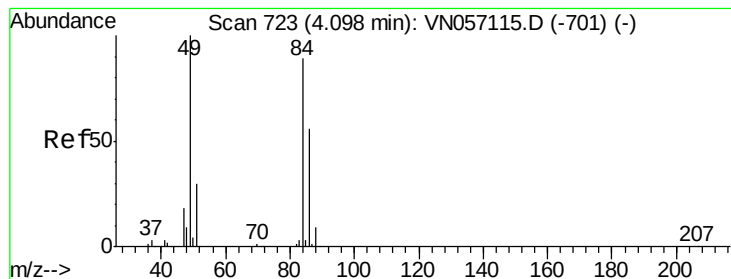
Tgt Ion: 43 Resp: 15823

Ion Ratio Lower Upper

43 100

74 22.0 20.2 30.4





#20

Methylene Chloride

Concen: 6.811 ug/l

RT: 4.10 min Scan# 724

Delta R.T. 0.00 min

Lab File: VN057126.D

Acq: 8 Aug 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

EO-01-080719-C

Tgt Ion: 84 Resp: 107179

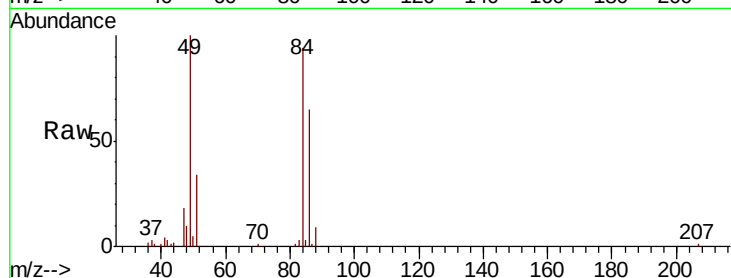
Ion Ratio Lower Upper

84 100

49 106.6 89.5 134.3

51 36.0 27.2 40.8

86 69.7 50.6 75.8



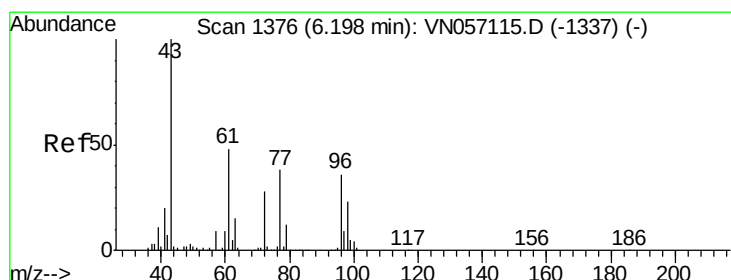
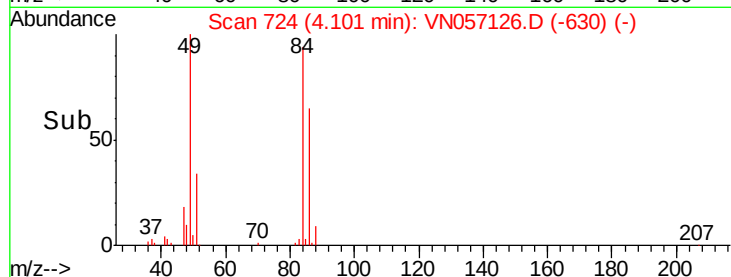
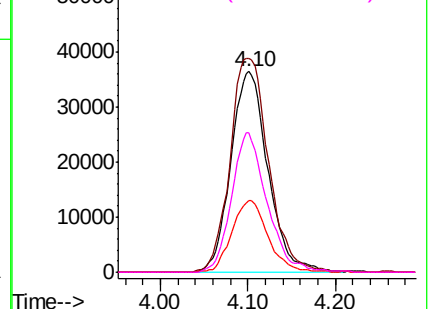
Abundance

Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 0.543 ug/l

RT: 6.22 min Scan# 1383

Delta R.T. 0.02 min

Lab File: VN057126.D

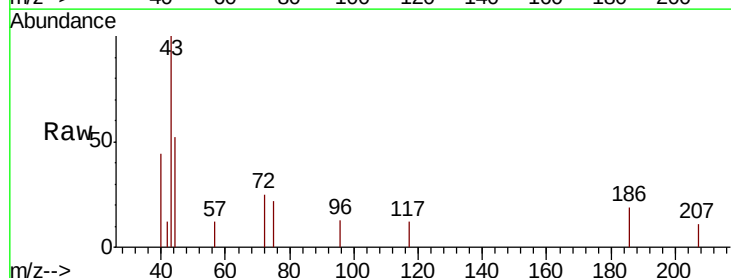
Acq: 8 Aug 2019 12:45

Tgt Ion: 43 Resp: 3959

Ion Ratio Lower Upper

43 100

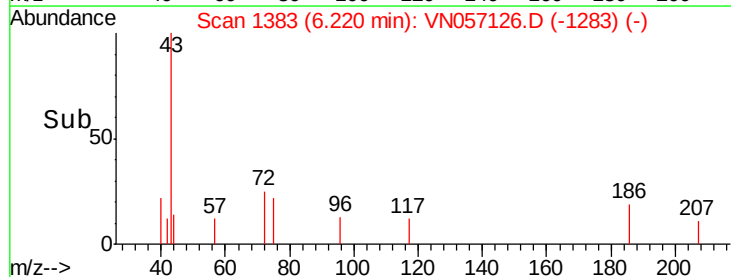
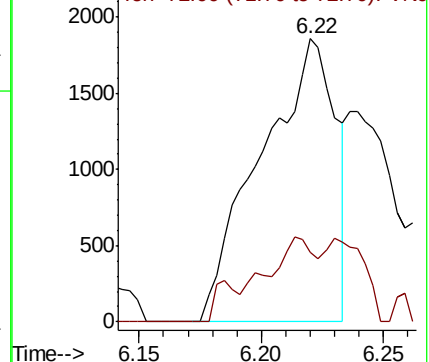
72 24.7 22.2 33.4

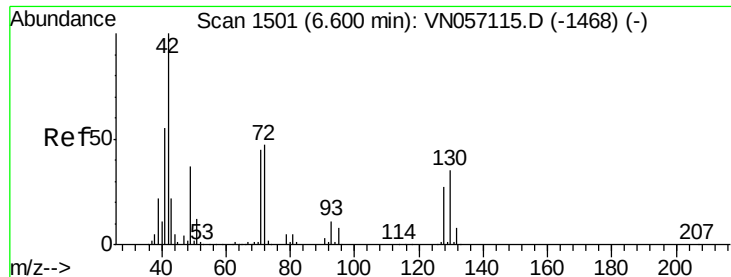


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 0.278 ug/l

RT: 6.61 min Scan# 1505

Delta R.T. 0.01 min

Lab File: VN057126.D

Acq: 8 Aug 2019 12:45

Instrument :

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ClientSampleId :

EO-01-080719-C

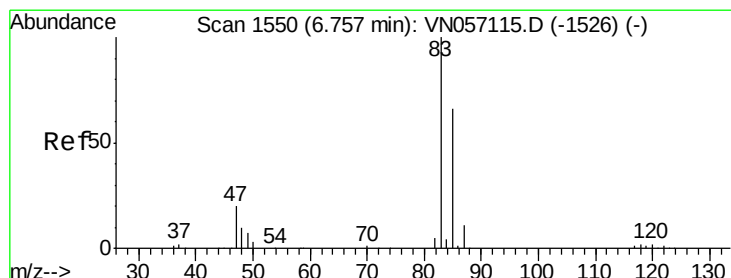
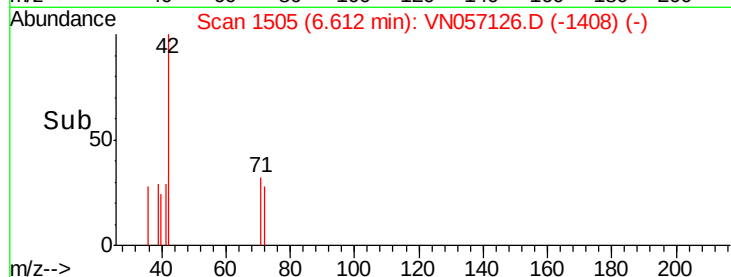
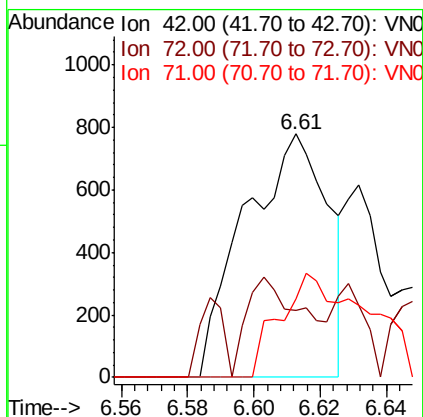
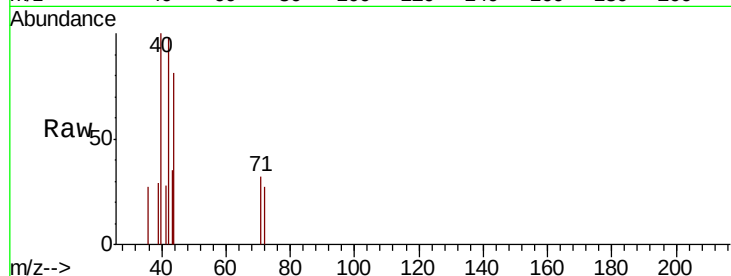
Tgt Ion: 42 Resp: 1363

Ion Ratio Lower Upper

42 100

72 29.1 37.1 55.7#

71 44.7 34.8 52.2



#30

Chloroform

Concen: 0.277 ug/l

RT: 6.76 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VN057126.D

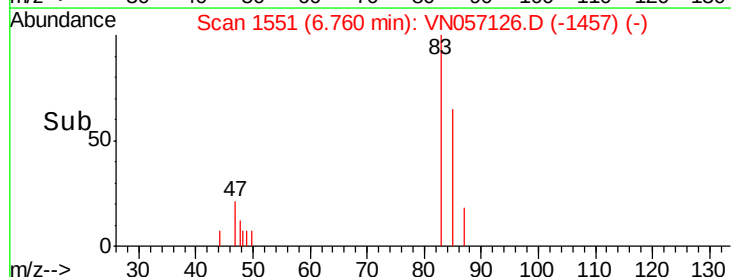
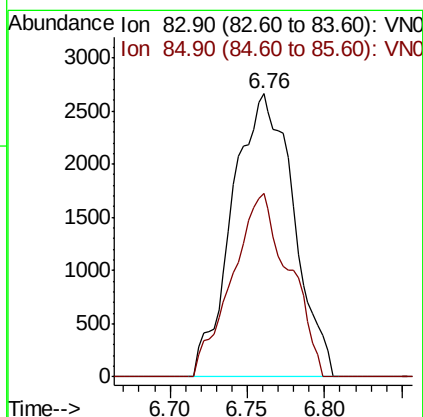
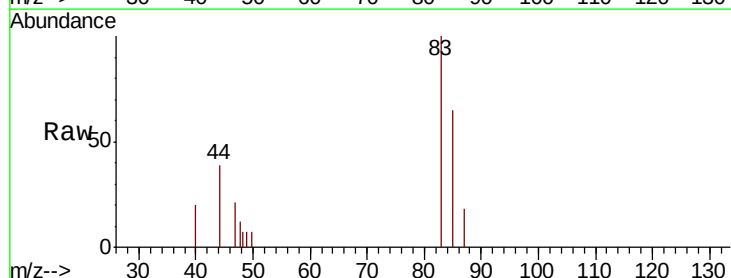
Acq: 8 Aug 2019 12:45

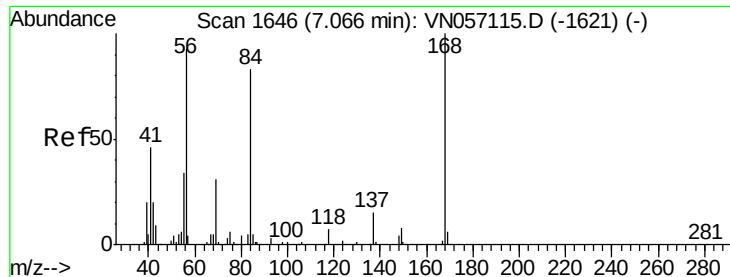
Tgt Ion: 83 Resp: 7304

Ion Ratio Lower Upper

83 100

85 64.7 52.6 78.8

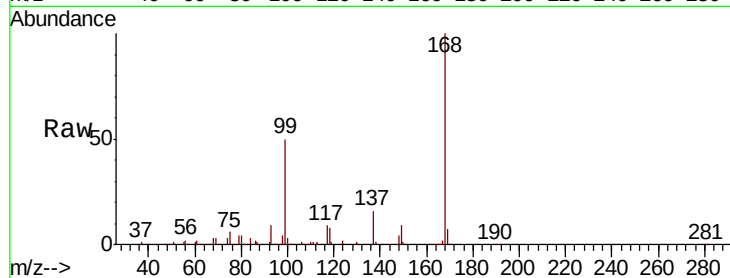




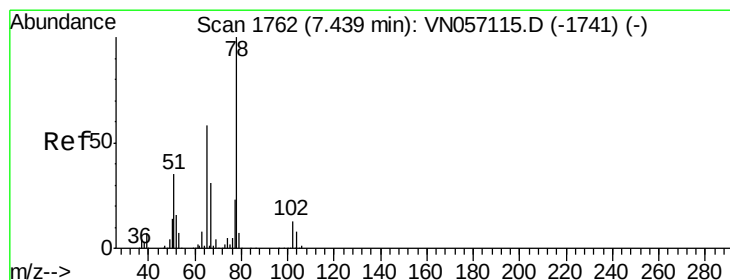
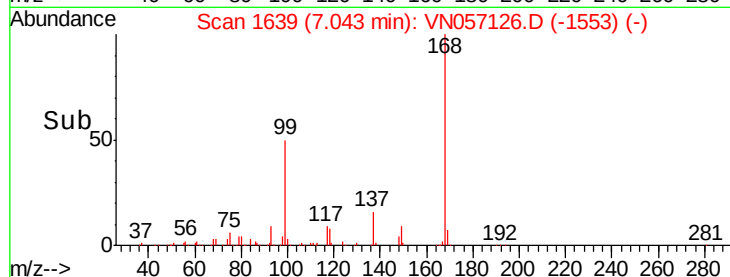
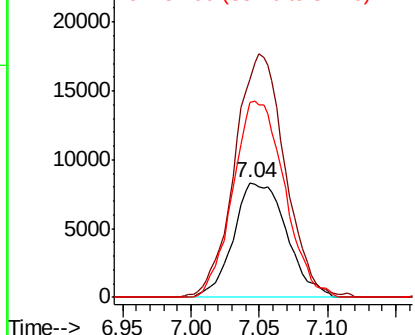
#31
Cyclohexane
Concen: 0.980 ug/l
RT: 7.04 min Scan# 1639
Delta R.T. -0.02 min
Lab File: VN057126.D
Acq: 8 Aug 2019 12:45

Instrument :
MSVOA_N
ClientSampleId :
EO-01-080719-C

Tgt Ion: 56 Resp: 22437
Ion Ratio Lower Upper
56 100
69 188.8 26.9 40.3#
84 169.9 71.9 107.9#

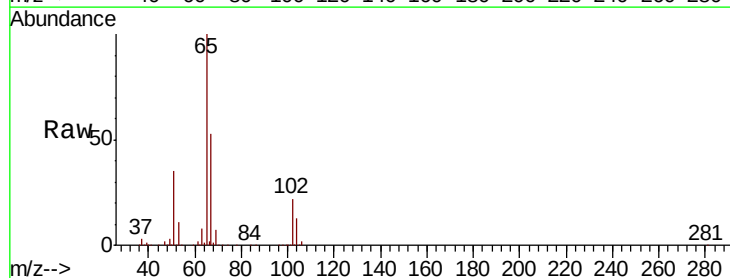


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

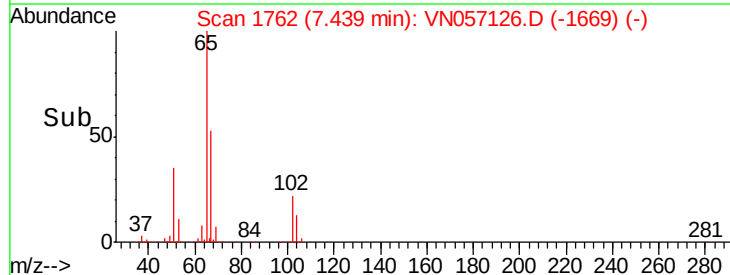
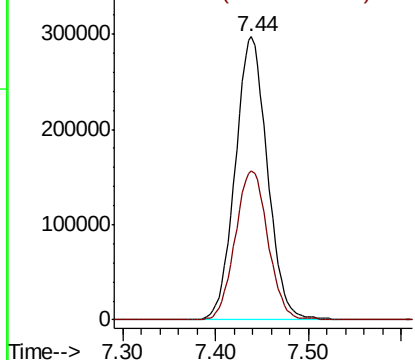


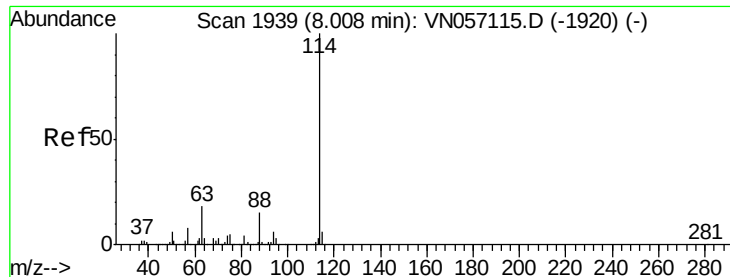
#33
1,2-Dichloroethane-d4
Concen: 45.217 ug/l
RT: 7.44 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VN057126.D
Acq: 8 Aug 2019 12:45

Tgt Ion: 65 Resp: 713929
Ion Ratio Lower Upper
65 100
67 53.8 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

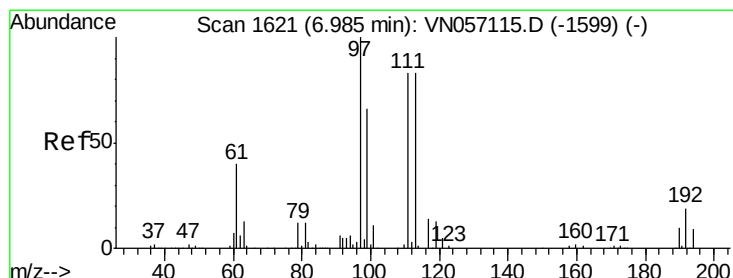
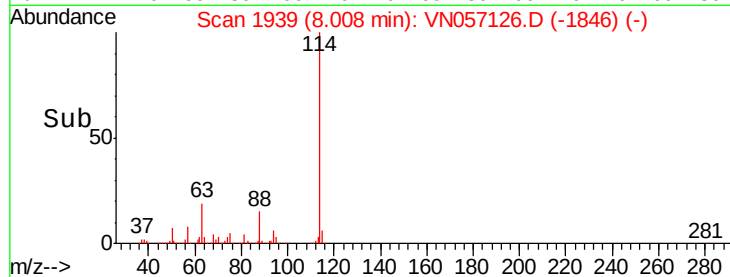
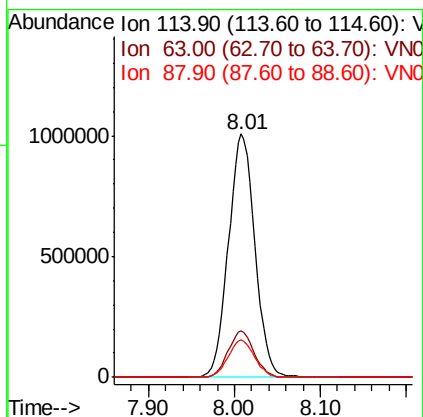
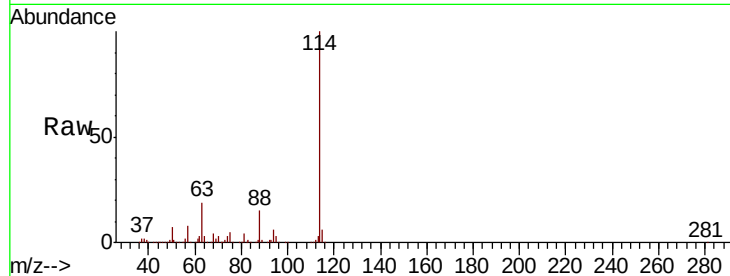




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. -0.00 min
Lab File: VN057126.D
Acq: 8 Aug 2019 12:45

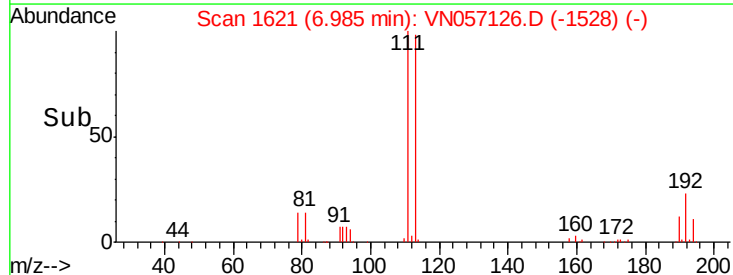
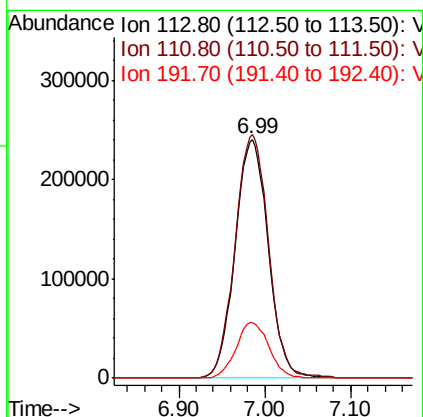
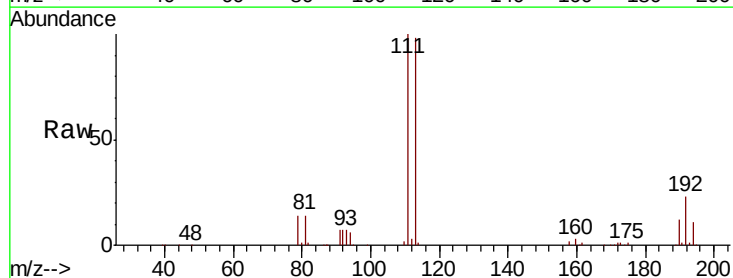
Instrument :
MSVOA_N
ClientSampleId :
EO-01-080719-C

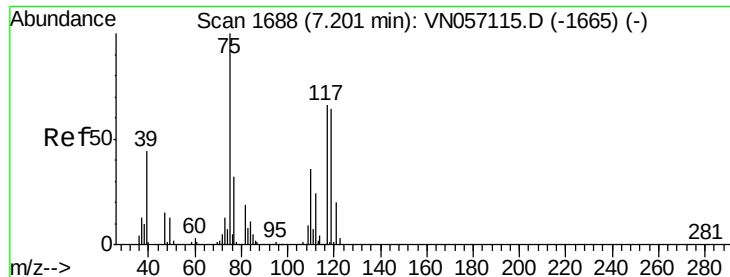
Tgt Ion:114 Resp: 2151327
Ion Ratio Lower Upper
114 100
63 19.2 0.0 36.2
88 15.3 0.0 30.0



#35
Dibromofluoromethane
Concen: 47.678 ug/l
RT: 6.99 min Scan# 1621
Delta R.T. -0.00 min
Lab File: VN057126.D
Acq: 8 Aug 2019 12:45

Tgt Ion:113 Resp: 643647
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 23.4 19.0 28.4

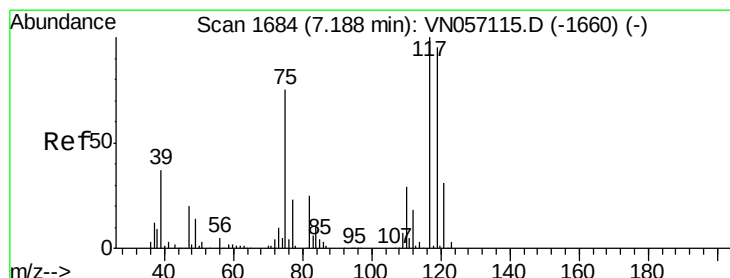
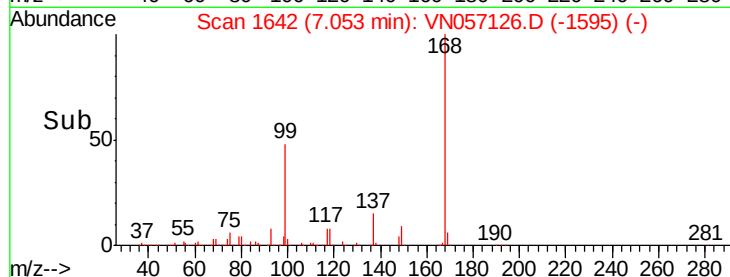
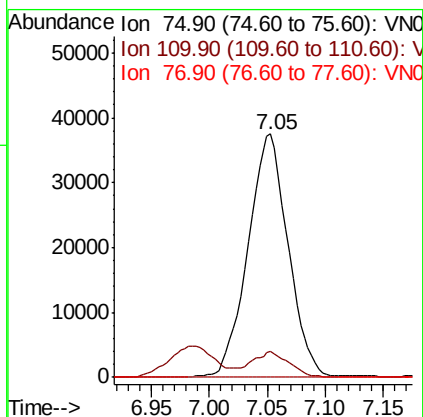
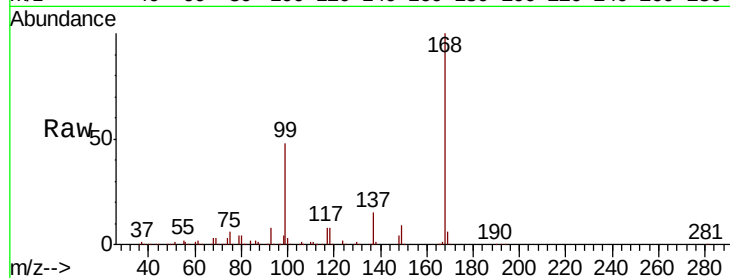




#36
 1,1-Dichloropropene
 Concen: 5.096 ug/l
 RT: 7.05 min Scan# 1642
 Delta R.T. -0.15 min
 Lab File: VN057126.D
 Acq: 8 Aug 2019 12:45

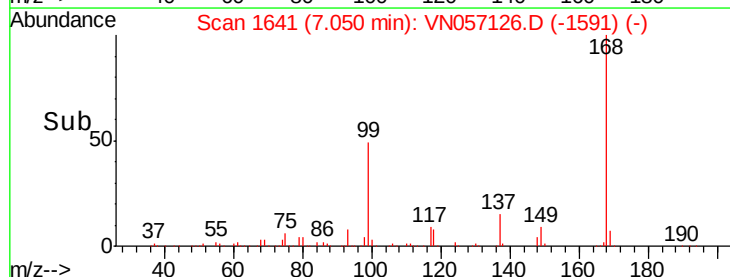
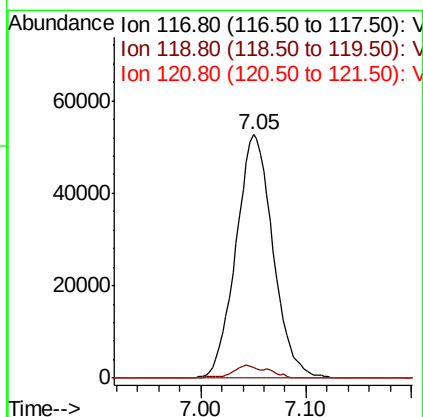
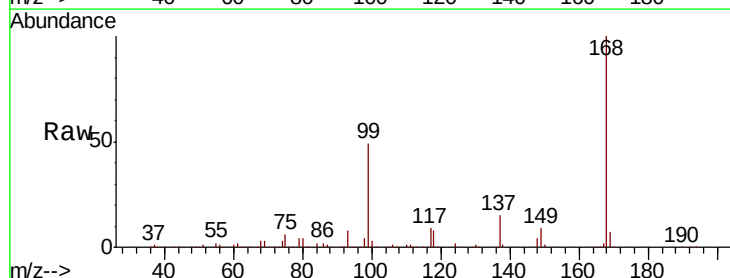
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-080719-C

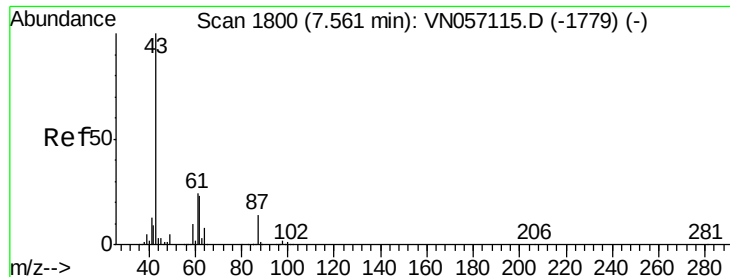
Tgt Ion: 75 Resp: 90272
 Ion Ratio Lower Upper
 75 100
 110 9.8 18.7 56.1#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.954 ug/l
 RT: 7.05 min Scan# 1641
 Delta R.T. -0.14 min
 Lab File: VN057126.D
 Acq: 8 Aug 2019 12:45

Tgt Ion: 117 Resp: 128371
 Ion Ratio Lower Upper
 117 100
 119 4.5 75.8 113.6#
 121 0.0 24.4 36.6#





#43

Isopropyl Acetate

Concen: 2.202 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN057126.D

Acq: 8 Aug 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

EO-01-080719-C

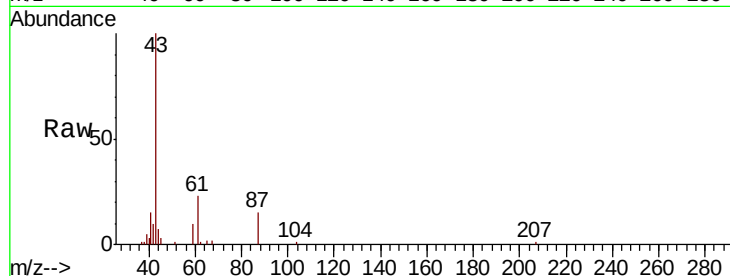
Tgt Ion: 43 Resp: 54875

Ion Ratio Lower Upper

43 100

61 22.9 24.2 36.2#

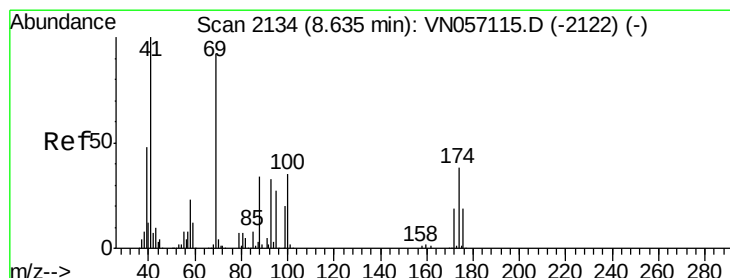
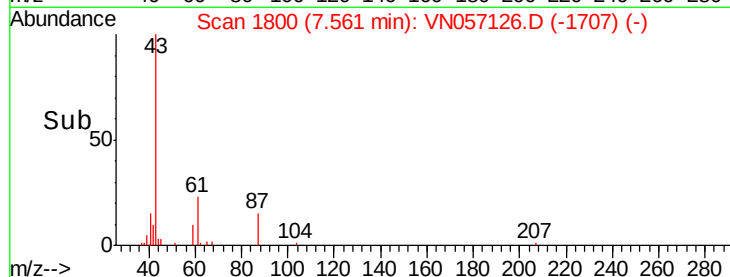
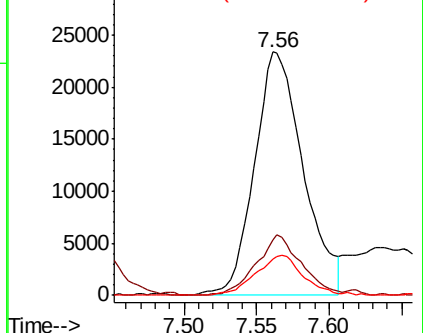
87 15.9 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#48

Methyl methacrylate

Concen: 2.050 ug/l

RT: 8.62 min Scan# 2128

Delta R.T. -0.02 min

Lab File: VN057126.D

Acq: 8 Aug 2019 12:45

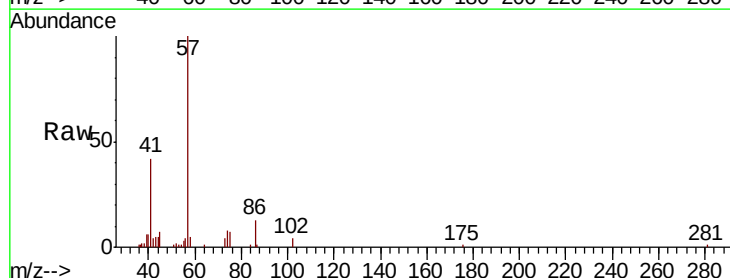
Tgt Ion: 41 Resp: 24086

Ion Ratio Lower Upper

41 100

69 0.0 77.5 116.3#

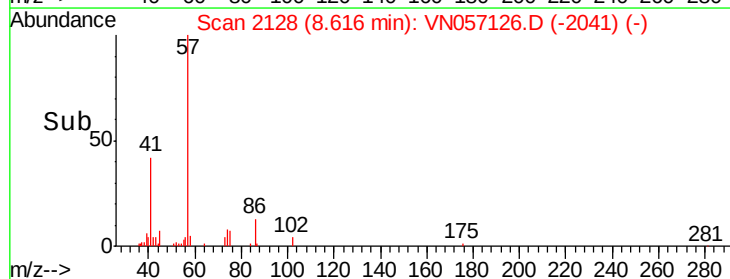
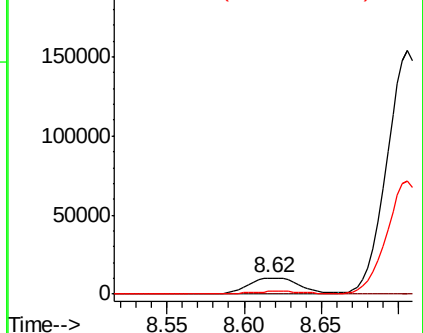
39 17.7 39.8 59.6#

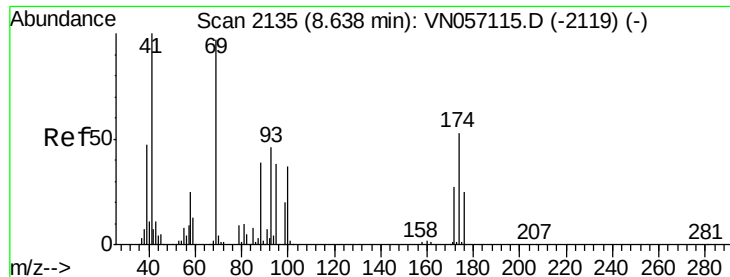


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

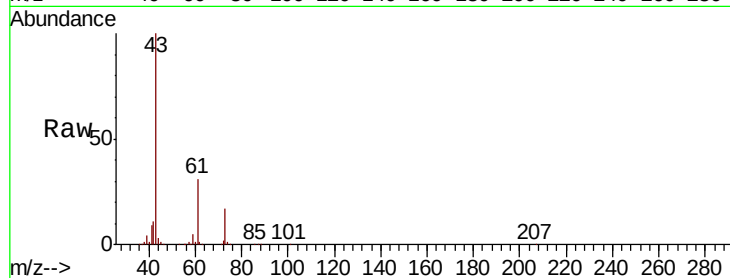




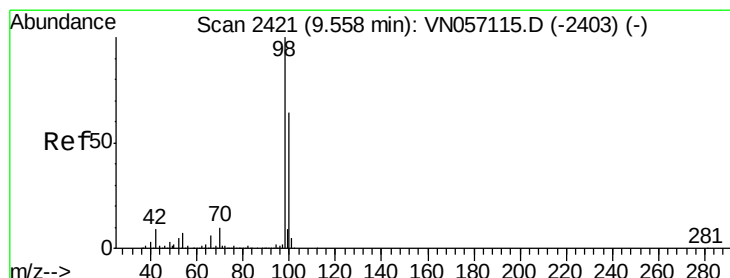
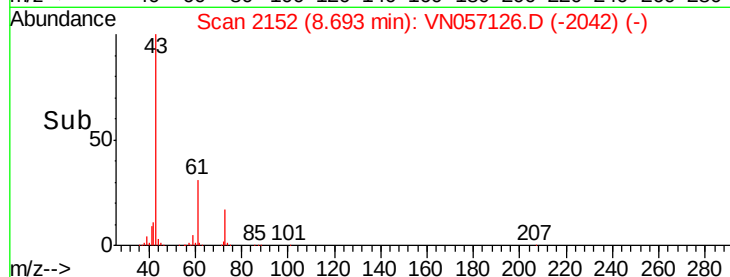
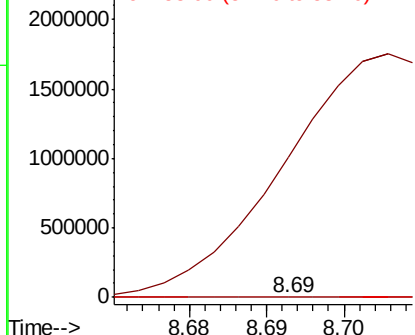
#49
1,4-Dioxane
Concen: 0.923 ug/l
RT: 8.69 min Scan# 2152
Delta R.T. 0.05 min
Lab File: VN057126.D
Acq: 8 Aug 2019 12:45

Instrument :
MSVOA_N
ClientSampleId :
EO-01-080719-C

Tgt Ion: 88 Resp: 221
Ion Ratio Lower Upper
88 100
43 0.0 21.7 32.5#
58 0.0 51.1 76.7#

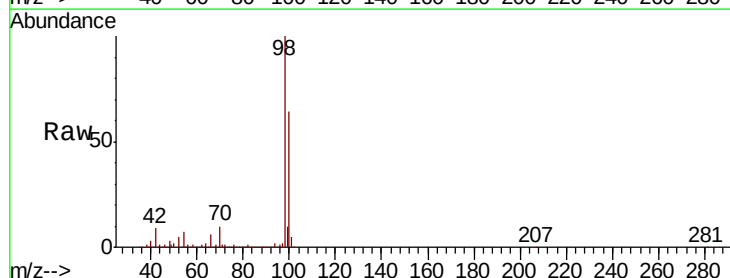


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

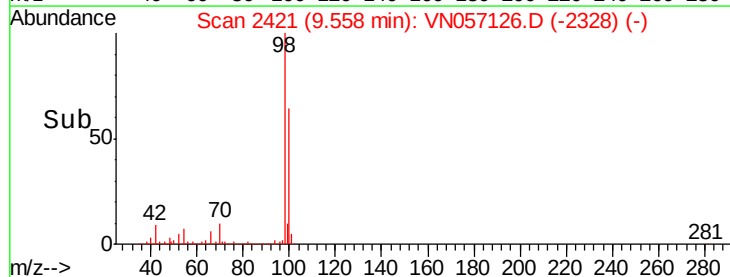
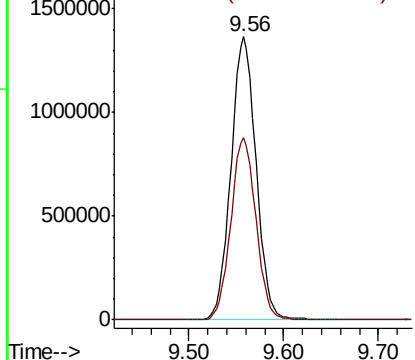


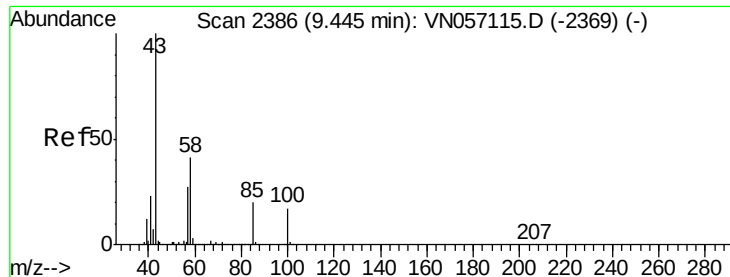
#50
Toluene-d8
Concen: 48.718 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. -0.00 min
Lab File: VN057126.D
Acq: 8 Aug 2019 12:45

Tgt Ion: 98 Resp: 2516183
Ion Ratio Lower Upper
98 100
100 64.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

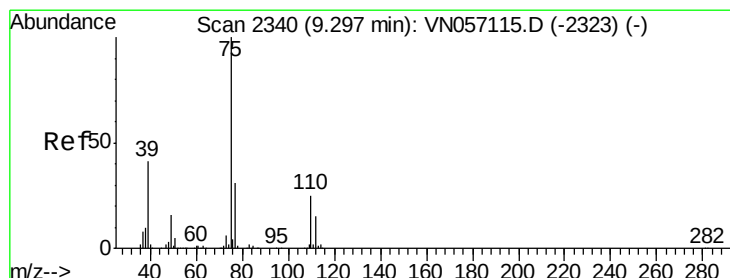
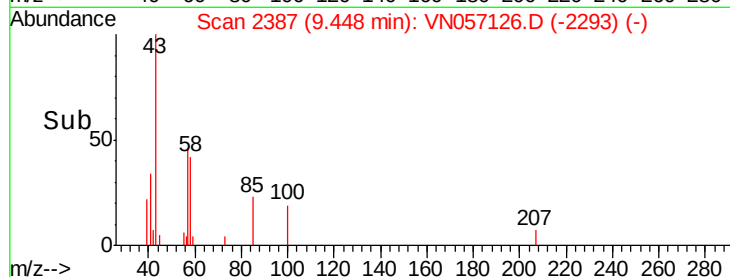
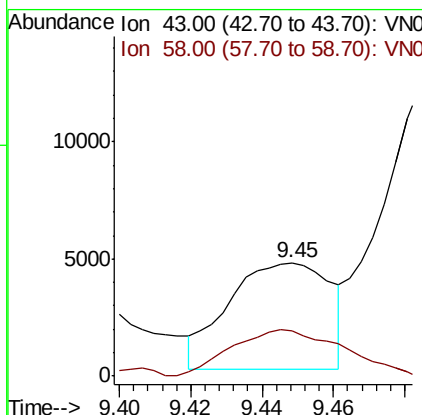
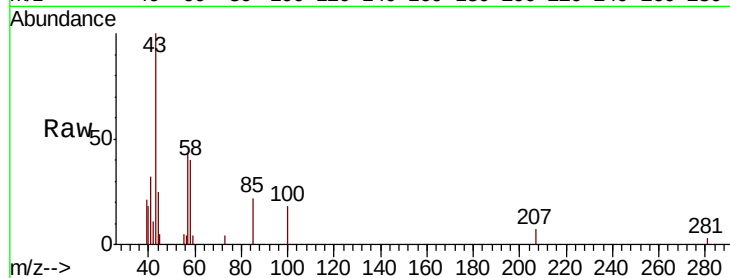




#51
 4-Methyl-2-Pentanone
 Concen: 0.617 ug/l
 RT: 9.45 min Scan# 2387
 Delta R.T. 0.00 min
 Lab File: VN057126.D
 Acq: 8 Aug 2019 12:45

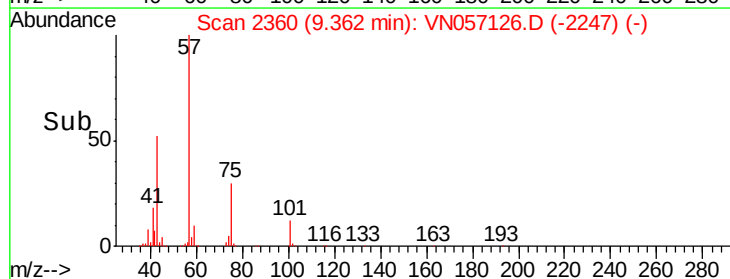
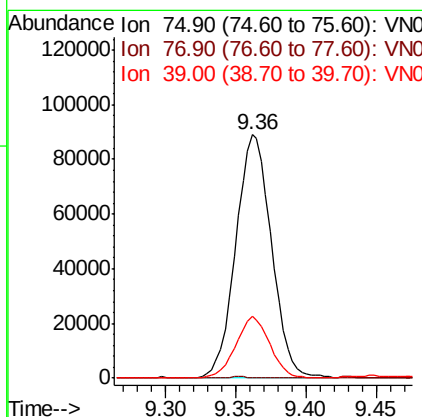
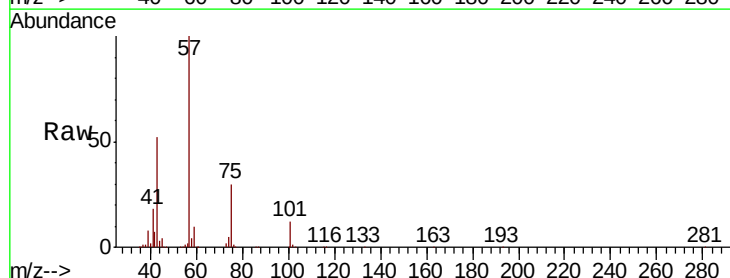
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-080719-C

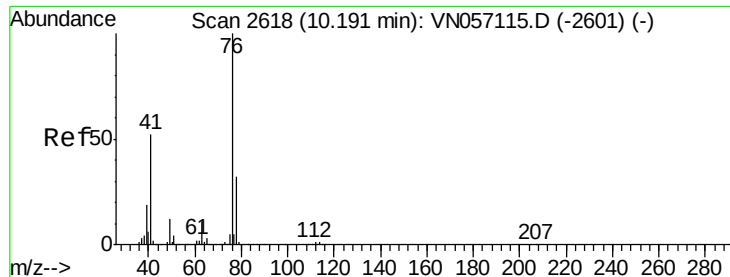
Tgt Ion: 43 Resp: 8948
 Ion Ratio Lower Upper
 43 100
 58 48.3 33.2 49.8



#54
 cis-1,3-Dichloropropene
 Concen: 7.321 ug/l
 RT: 9.36 min Scan# 2360
 Delta R.T. 0.06 min
 Lab File: VN057126.D
 Acq: 8 Aug 2019 12:45

Tgt Ion: 75 Resp: 158084
 Ion Ratio Lower Upper
 75 100
 77 0.4 25.1 37.7#
 39 25.0 32.5 48.7#

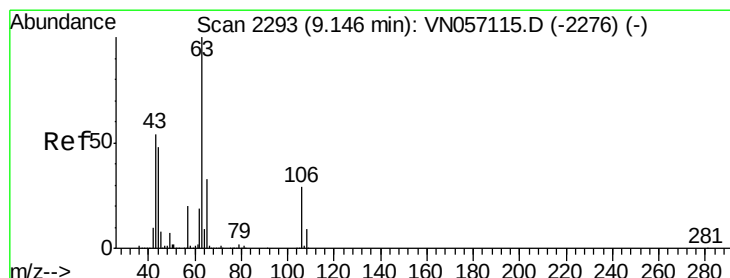
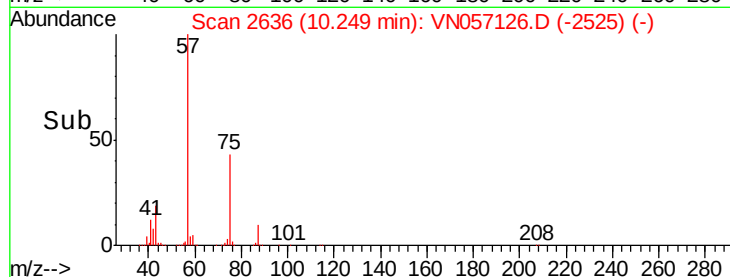
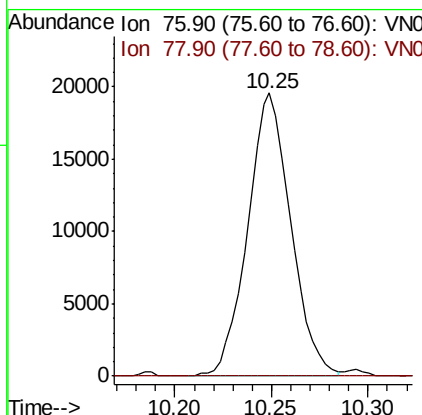
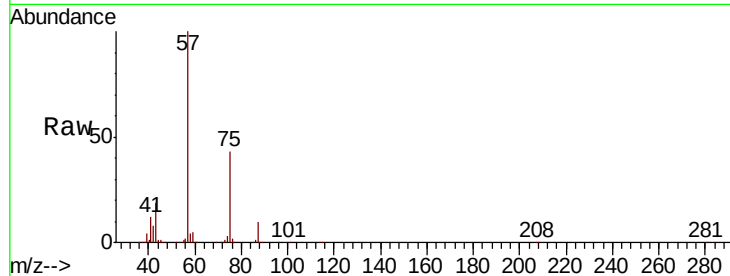




#57
 1,3-Dichloropropane
 Concen: 1.348 ug/l
 RT: 10.25 min Scan# 2636
 Delta R.T. 0.06 min
 Lab File: VN057126.D
 Acq: 8 Aug 2019 12:45

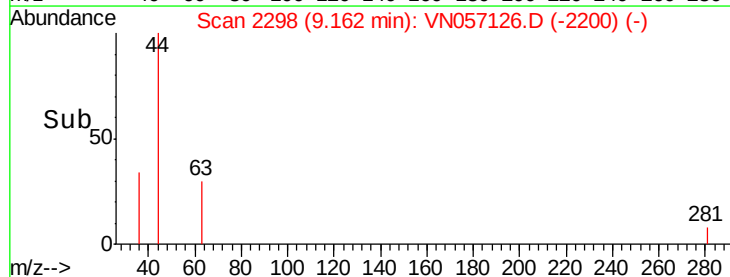
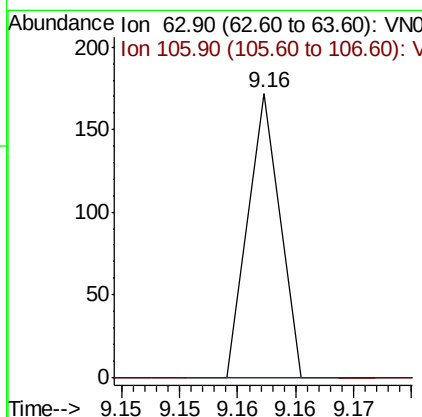
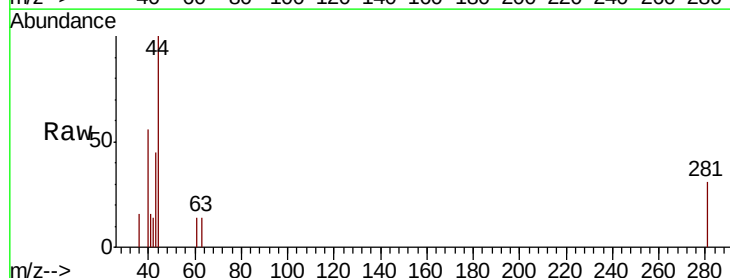
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-080719-C

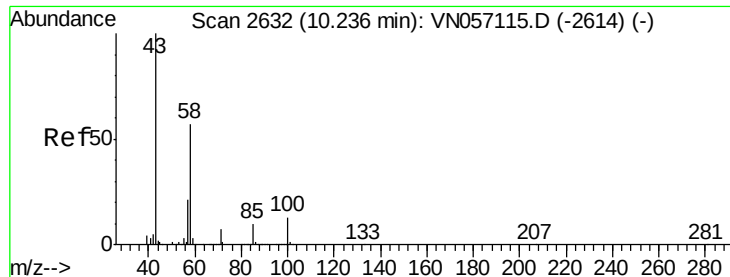
Tgt Ion: 76 Resp: 30426
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.9 38.9#



#58
 2-Chloroethyl Vinyl ether
 Concen: 13.119 ug/l
 RT: 9.16 min Scan# 2298
 Delta R.T. 0.02 min
 Lab File: VN057126.D
 Acq: 8 Aug 2019 12:45

Tgt Ion: 63 Resp: 33
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.6 33.8#

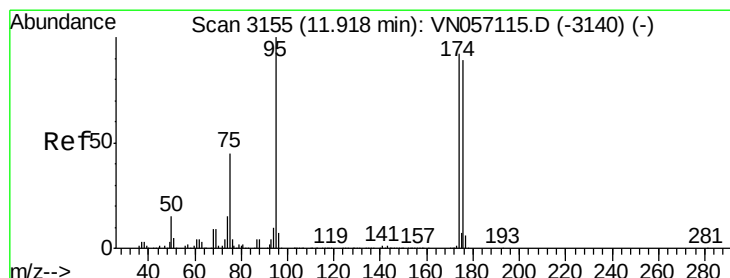
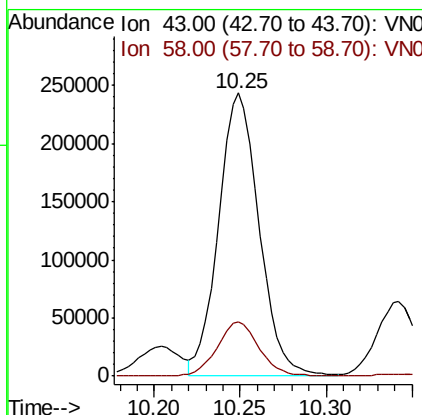
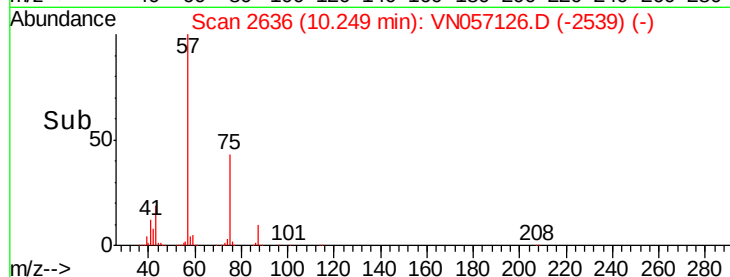
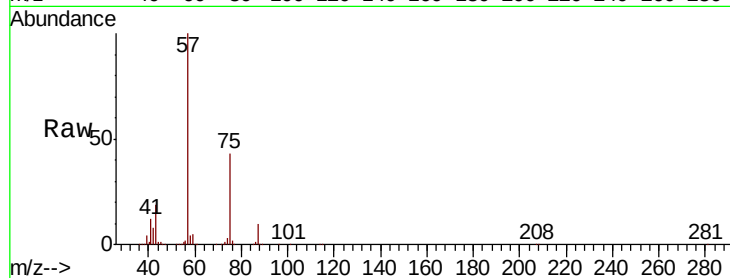




#59
2-Hexanone
Concen: 40.584 ug/l
RT: 10.25 min Scan# 2636
Delta R.T. 0.01 min
Lab File: VN057126.D
Acq: 8 Aug 2019 12:45

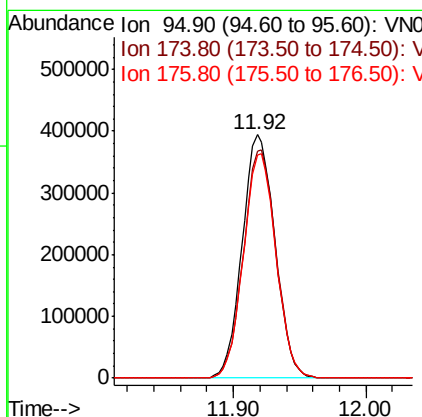
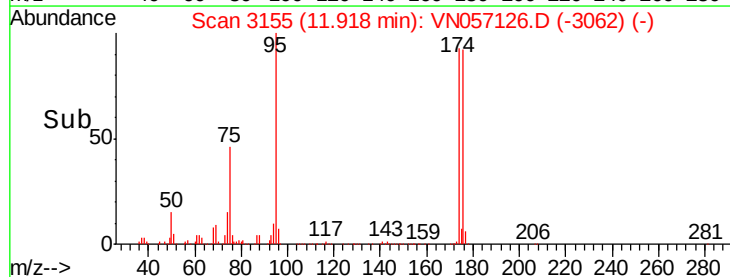
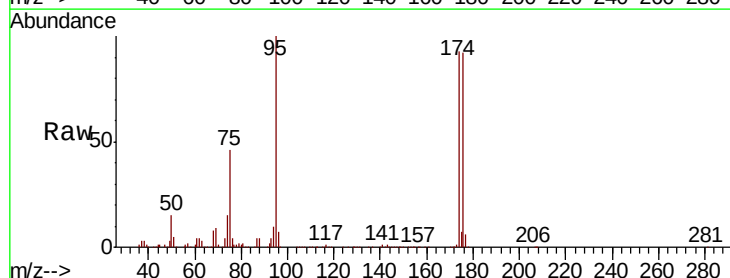
Instrument :
MSVOA_N
ClientSampleId :
EO-01-080719-C

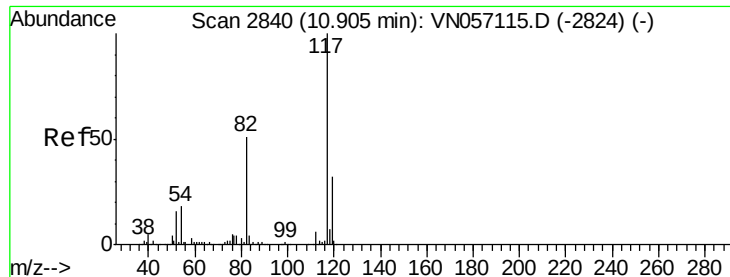
Tgt Ion: 43 Resp: 398331
Ion Ratio Lower Upper
43 100
58 20.0 29.2 87.6#



#62
4-Bromofluorobenzene
Concen: 40.624 ug/l
RT: 11.92 min Scan# 3155
Delta R.T. -0.00 min
Lab File: VN057126.D
Acq: 8 Aug 2019 12:45

Tgt Ion: 95 Resp: 676047
Ion Ratio Lower Upper
95 100
174 93.5 0.0 185.0
176 91.8 0.0 181.2

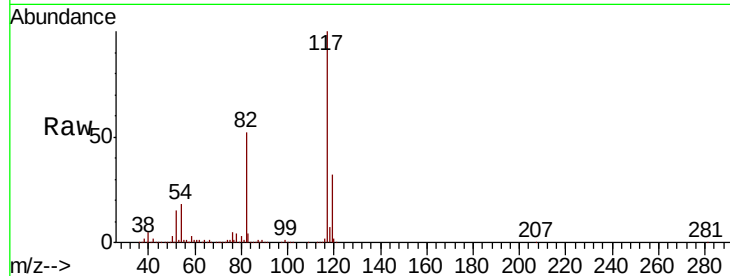




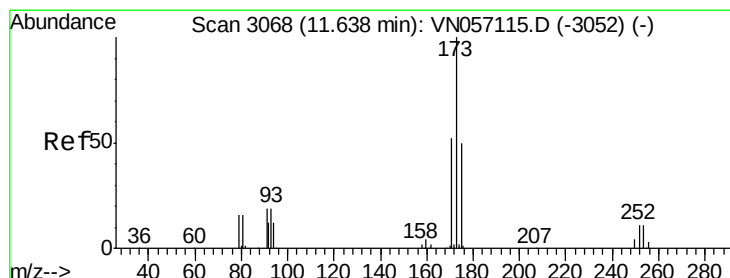
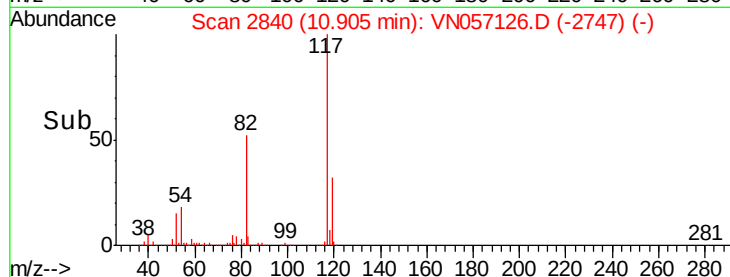
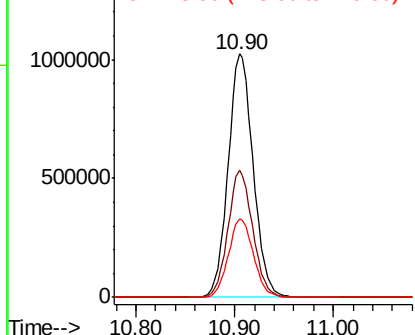
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.90 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN057126.D
Acq: 8 Aug 2019 12:45

Instrument :
MSVOA_N
ClientSampled :
EO-01-080719-C

Tgt Ion:117 Resp: 1812014
Ion Ratio Lower Upper
117 100
82 52.1 40.8 61.2
119 32.1 25.7 38.5

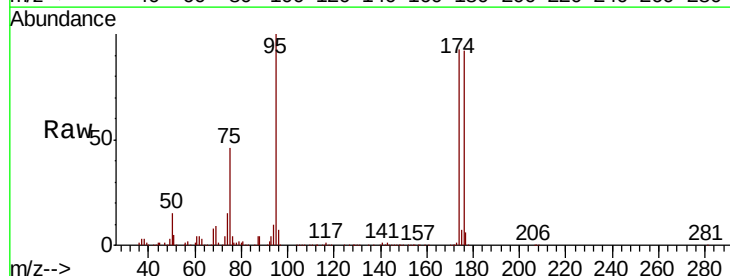


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

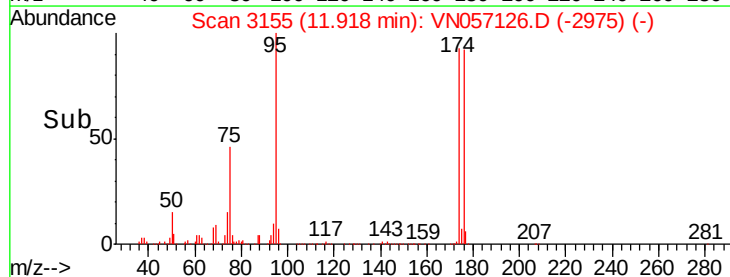
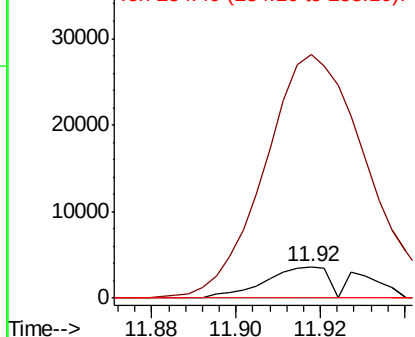


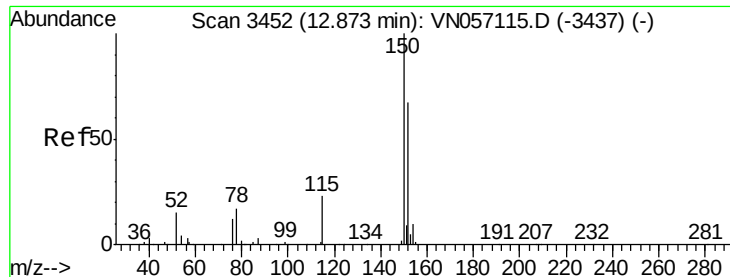
#71
Bromoform
Concen: 0.374 ug/l
RT: 11.92 min Scan# 3155
Delta R.T. 0.28 min
Lab File: VN057126.D
Acq: 8 Aug 2019 12:45

Tgt Ion:173 Resp: 3735
Ion Ratio Lower Upper
173 100
175 910.1 24.6 73.8#
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.87 min Scan# 3452

Delta R.T. -0.00 min

Lab File: VN057126.D

Acq: 8 Aug 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

EO-01-080719-C

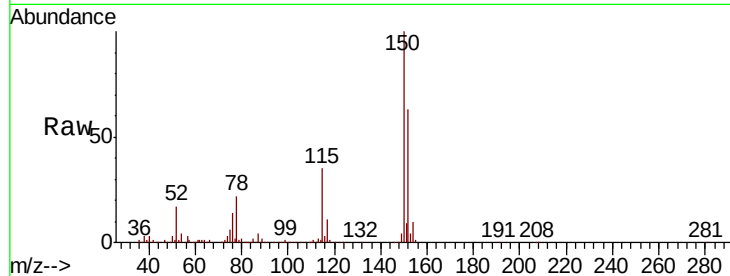
Tgt Ion:152 Resp: 478129

Ion Ratio Lower Upper

152 100

115 55.0 27.5 82.5

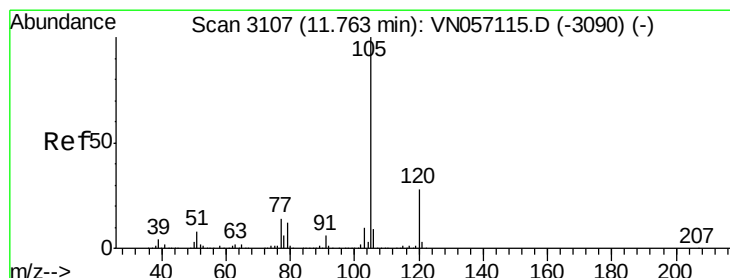
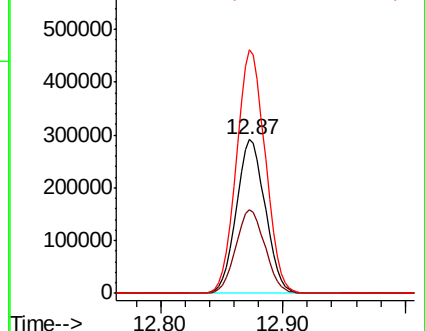
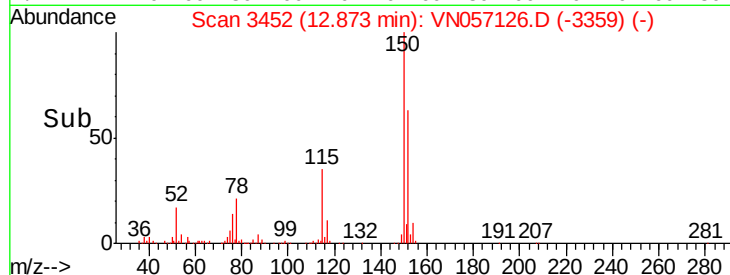
150 158.2 0.0 341.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: Below Cal

RT: 11.77 min Scan# 3108

Delta R.T. 0.00 min

Lab File: VN057126.D

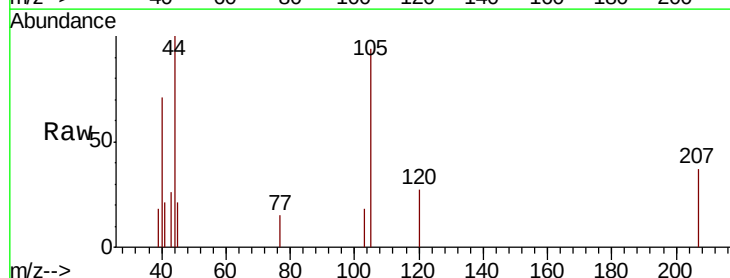
Acq: 8 Aug 2019 12:45

Tgt Ion:105 Resp: 1739

Ion Ratio Lower Upper

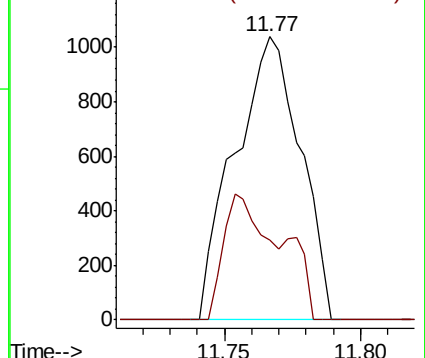
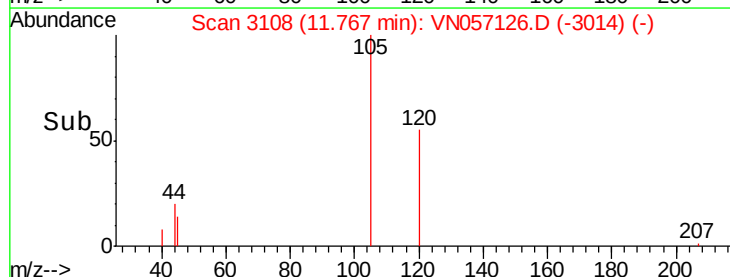
105 100

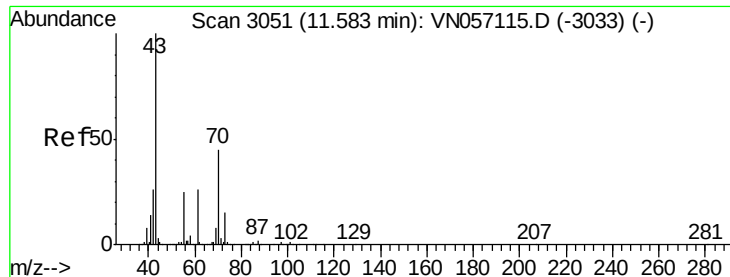
120 29.2 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 2.772 ug/l

RT: 11.39 min Scan# 2990

Delta R.T. -0.20 min

Lab File: VN057126.D

Acq: 8 Aug 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

EO-01-080719-C

Tgt Ion: 43 Resp: 33589

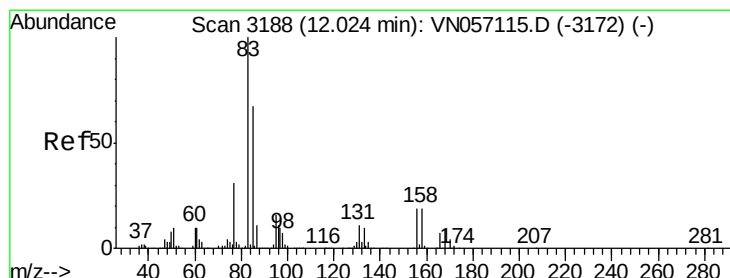
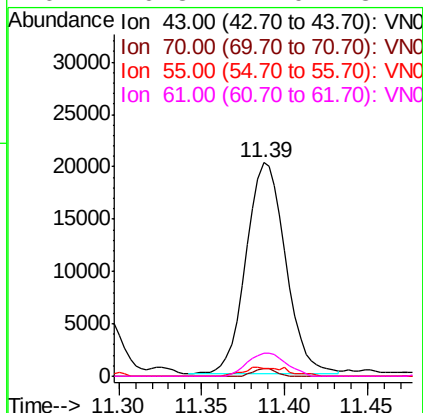
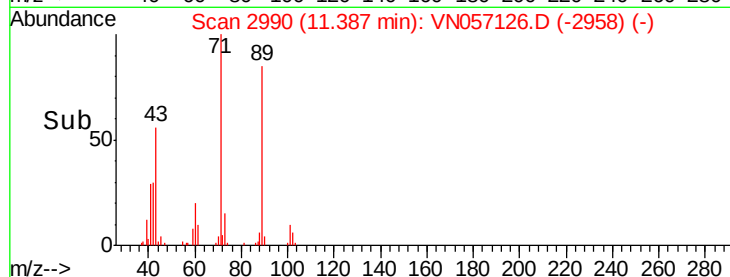
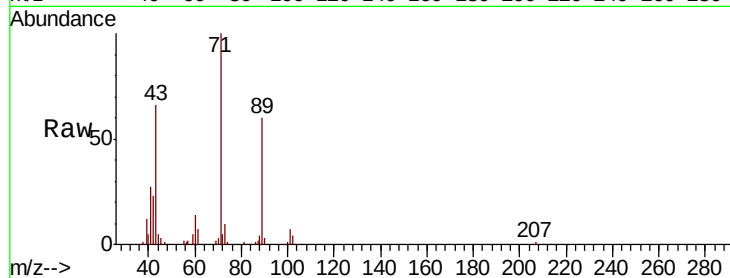
Ion Ratio Lower Upper

43 100

70 2.0 36.8 55.2#

55 4.8 20.6 31.0#

61 10.8 21.0 31.4#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 11.91 min Scan# 3153

Delta R.T. -0.11 min

Lab File: VN057126.D

Acq: 8 Aug 2019 12:45

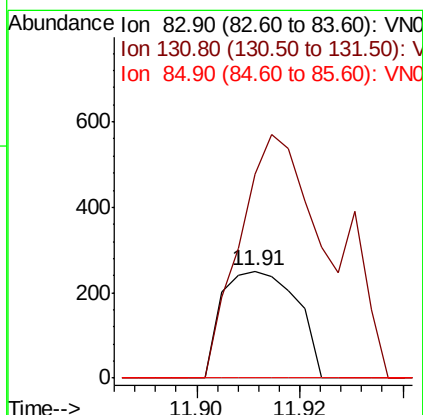
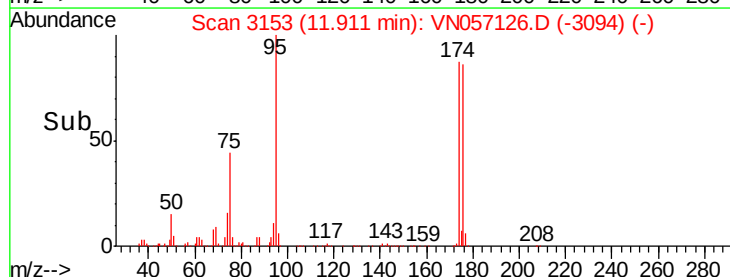
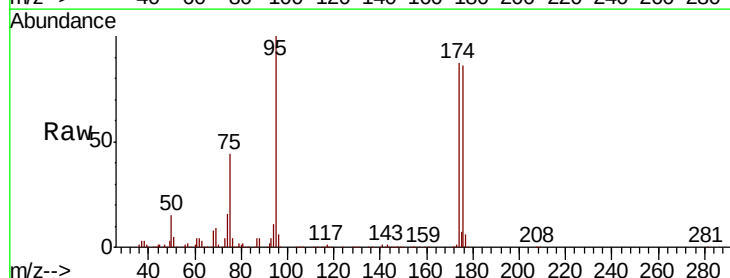
Tgt Ion: 83 Resp: 250

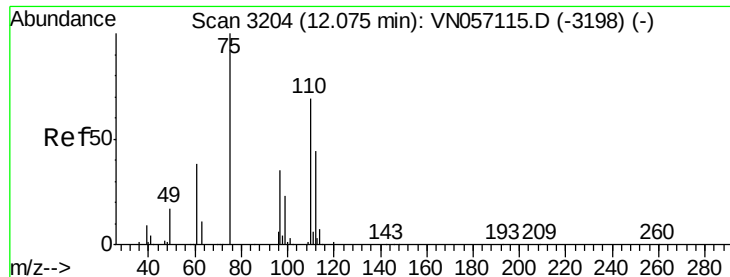
Ion Ratio Lower Upper

83 100

131 277.6 5.5 16.4#

85 0.0 32.4 97.0#





#76

1,2,3-Trichloropropane

Concen: 32.016 ug/l

RT: 11.92 min Scan# 3155

Delta R.T. -0.16 min

Lab File: VN057126.D

Acq: 8 Aug 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

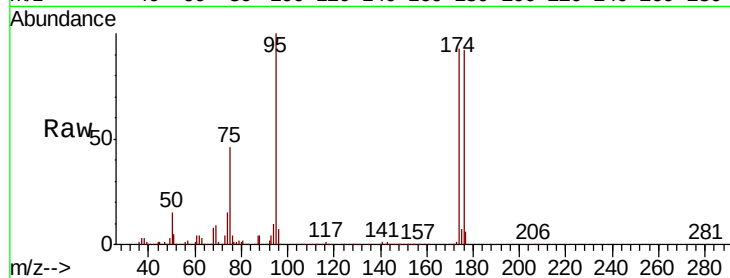
EO-01-080719-C

Tgt Ion: 75 Resp: 308723

Ion Ratio Lower Upper

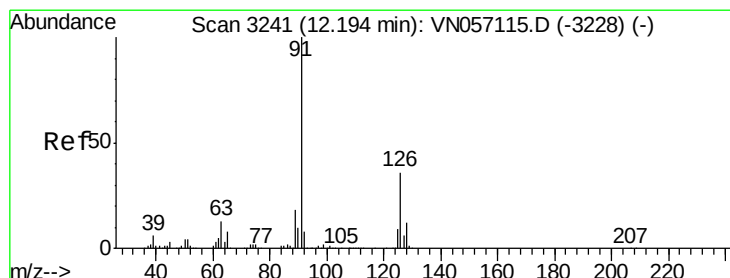
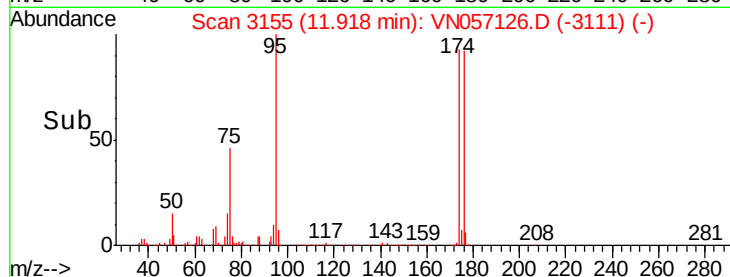
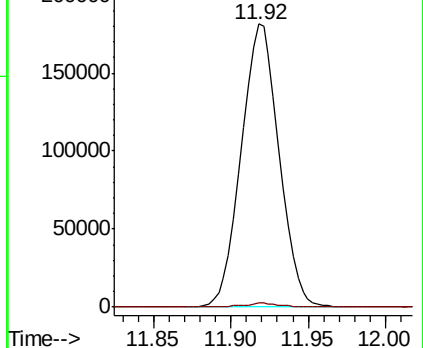
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.30 min Scan# 3274

Delta R.T. 0.11 min

Lab File: VN057126.D

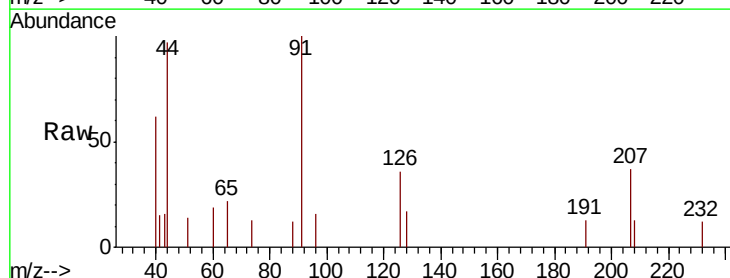
Acq: 8 Aug 2019 12:45

Tgt Ion: 91 Resp: 1952

Ion Ratio Lower Upper

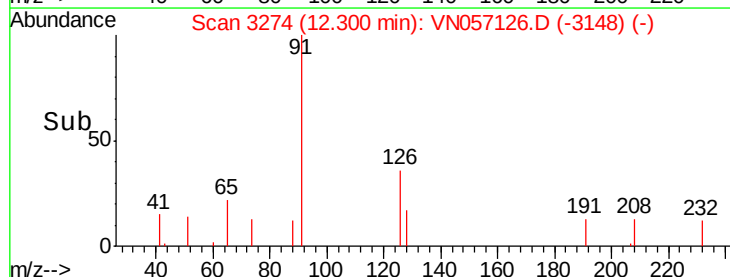
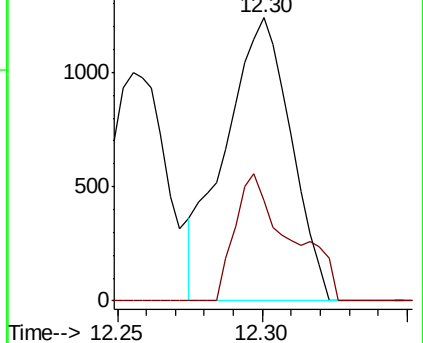
91 100

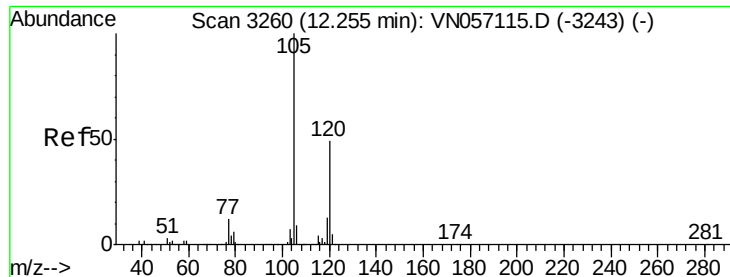
126 37.8 18.1 54.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

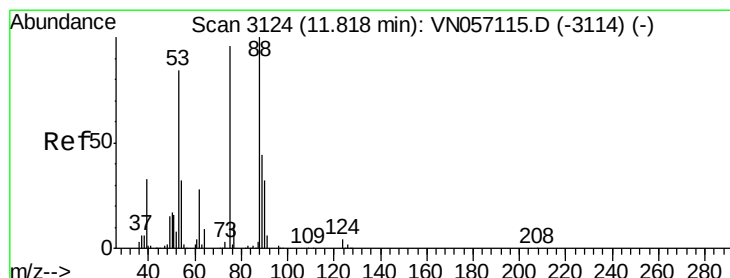
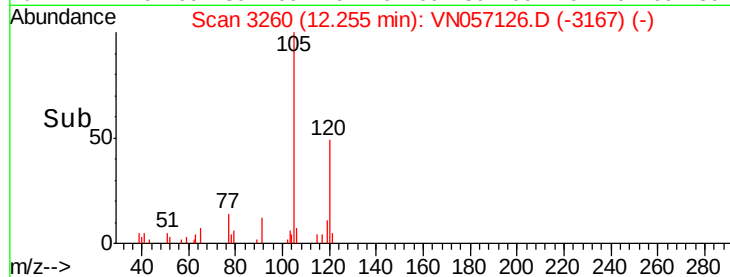
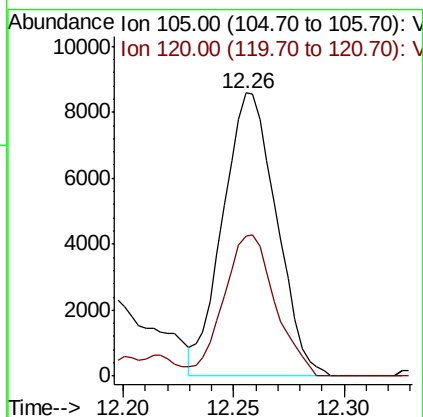
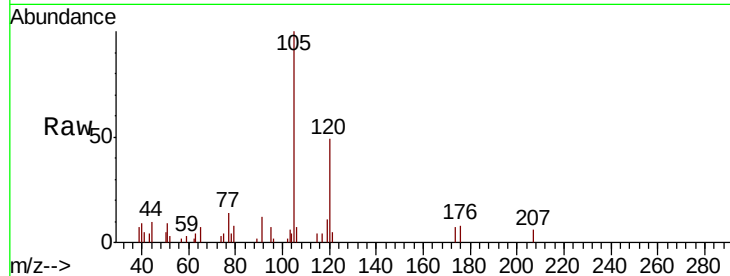




#80
 1,3,5-Trimethylbenzene
 Concen: 0.392 ug/l
 RT: 12.26 min Scan# 3260
 Delta R.T. -0.00 min
 Lab File: VN057126.D
 Acq: 8 Aug 2019 12:45

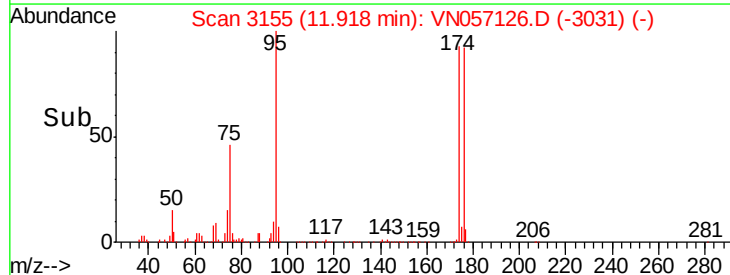
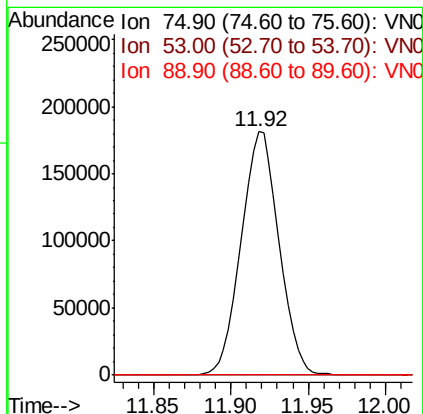
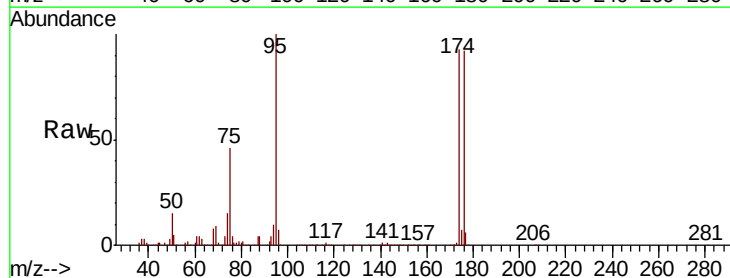
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-080719-C

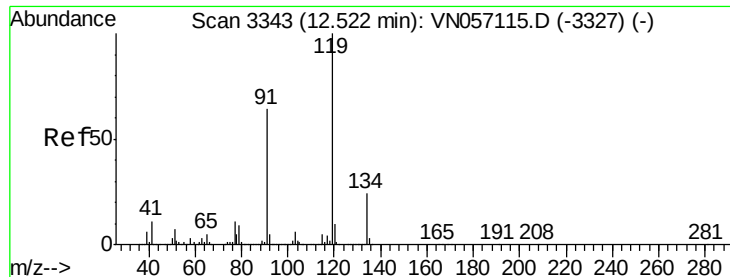
Tgt Ion: 105 Resp: 14453
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.6 73.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.939 ug/l
 RT: 11.92 min Scan# 3155
 Delta R.T. 0.10 min
 Lab File: VN057126.D
 Acq: 8 Aug 2019 12:45

Tgt Ion: 75 Resp: 308723
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.6 106.0#
 89 0.0 36.4 54.6#





#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN057126.D

Acq: 8 Aug 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

EO-01-080719-C

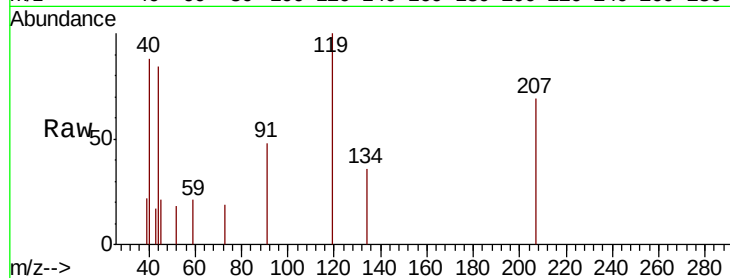
Tgt Ion:119 Resp: 1233

Ion Ratio Lower Upper

119 100

91 57.3 31.4 94.2

134 25.8 13.2 39.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V

1500

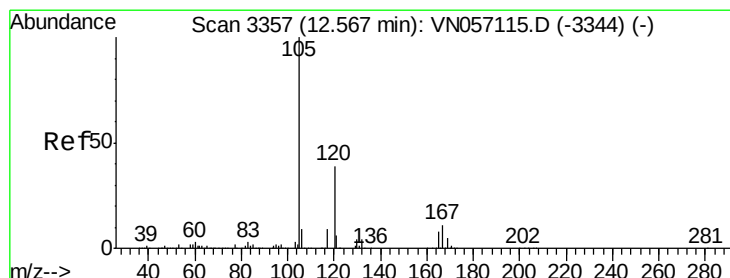
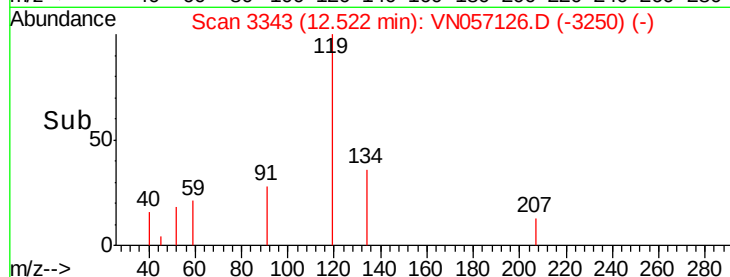
1000

500

0

12.48 12.50 12.52 12.54

Time-->



#84

1,2,4-Trimethylbenzene

Concen: 0.504 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN057126.D

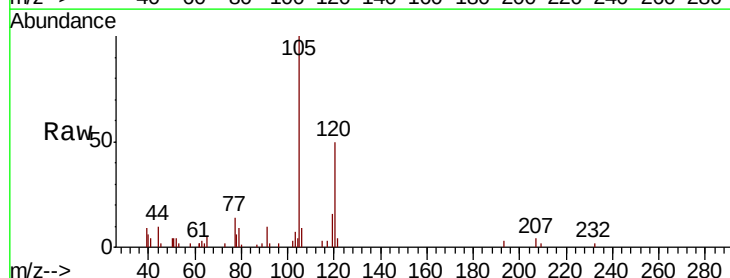
Acq: 8 Aug 2019 12:45

Tgt Ion:105 Resp: 17995

Ion Ratio Lower Upper

105 100

120 45.1 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12000

10000

8000

6000

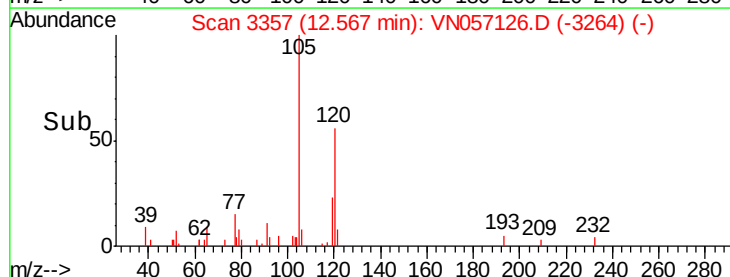
4000

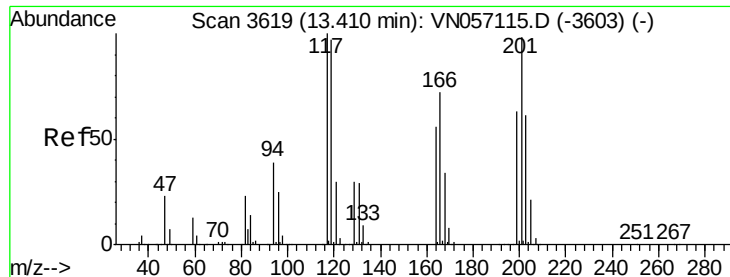
2000

0

12.50 12.55 12.60

Time-->





#90

Hexachloroethane

Concen: Below Cal

RT: 13.42 min Scan# 3623

Delta R.T. 0.01 min

Lab File: VN057126.D

Acq: 8 Aug 2019 12:45

Instrument :

MSVOA_N

ClientSampled :

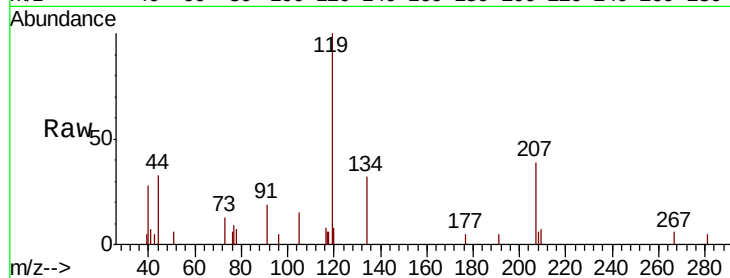
EO-01-080719-C

Tgt Ion:117 Resp: 527

Ion Ratio Lower Upper

117 100

201 0.0 49.3 147.8#

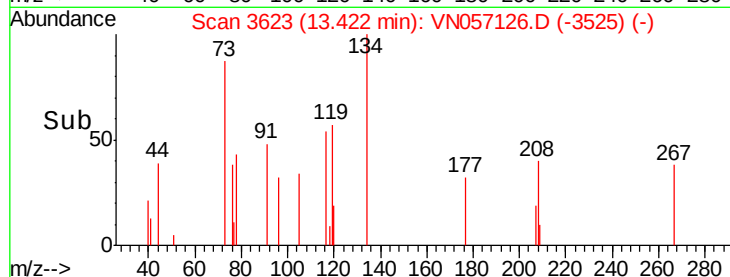


Abundance Ion 116.80 (116.50 to 117.50): V

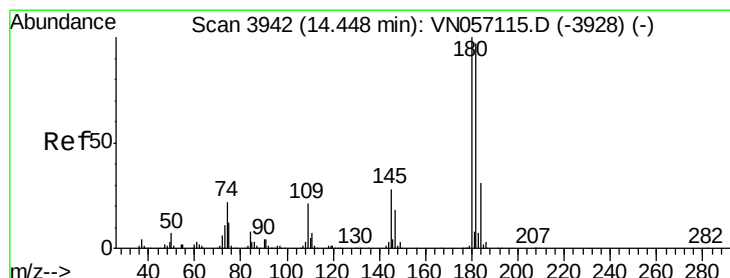
Ion 200.70 (200.40 to 201.40): V

13.42

13.44



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 6.113 ug/l

RT: 14.45 min Scan# 3942

Delta R.T. 0.00 min

Lab File: VN057126.D

Acq: 8 Aug 2019 12:45

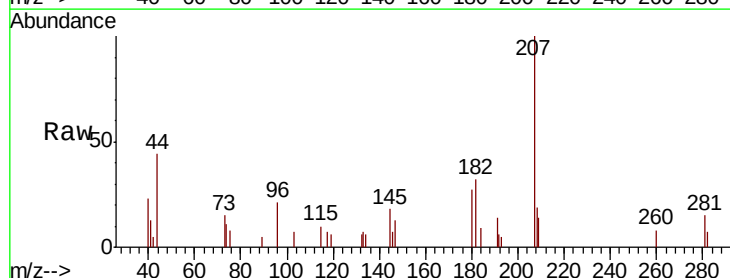
Tgt Ion:180 Resp: 1438

Ion Ratio Lower Upper

180 100

182 115.4 47.5 142.6

145 58.4 14.1 42.2#



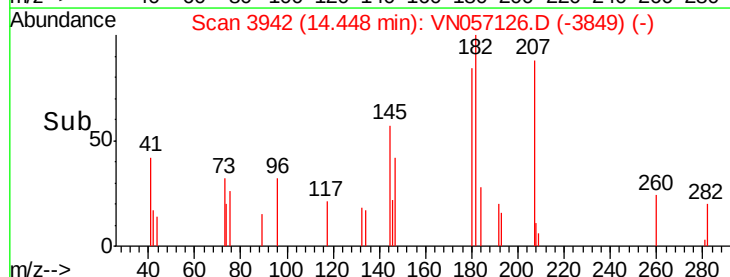
Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

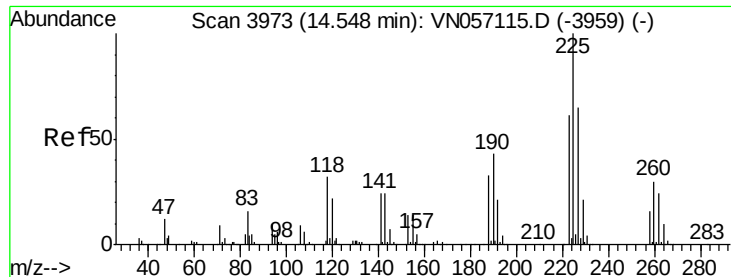
Ion 144.80 (144.50 to 145.50): V

14.45

14.45



Time-->



#94

Hexachlorobutadiene

Concen: Below Cal

RT: 14.55 min Scan# 3974

Delta R.T. 0.00 min

Lab File: VN057126.D

Acq: 8 Aug 2019 12:45

Instrument :

MSVOA_N

ClientSampled :

EO-01-080719-C

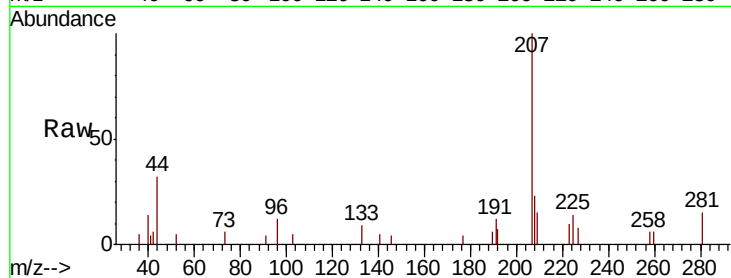
Tgt Ion:225 Resp: 599

Ion Ratio Lower Upper

225 100

223 123.9 30.9 92.8#

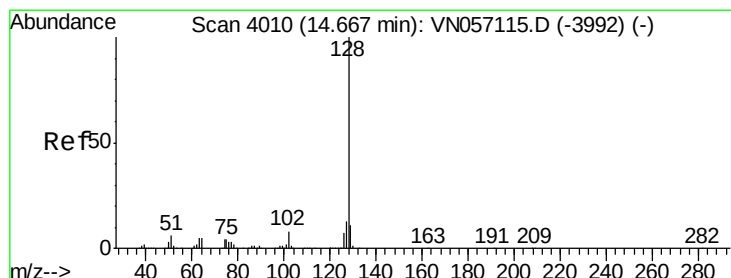
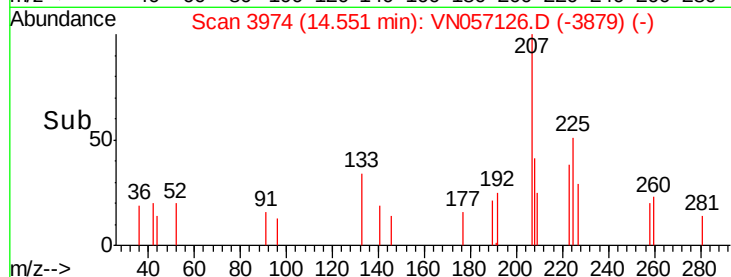
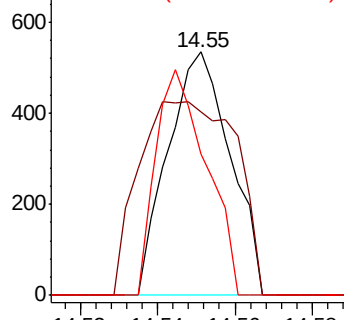
227 75.1 32.4 97.0



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 3.425 ug/l

RT: 14.66 min Scan# 4009

Delta R.T. -0.00 min

Lab File: VN057126.D

Acq: 8 Aug 2019 12:45

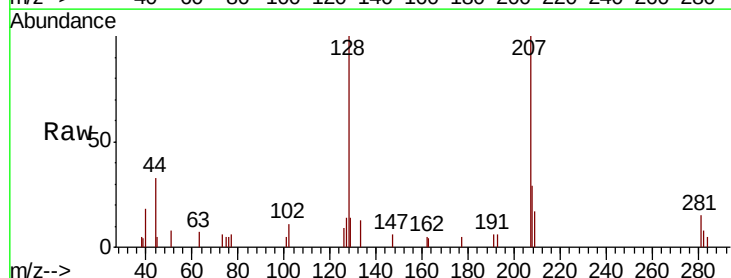
Tgt Ion:128 Resp: 7674

Ion Ratio Lower Upper

128 100

127 11.3 10.3 15.5

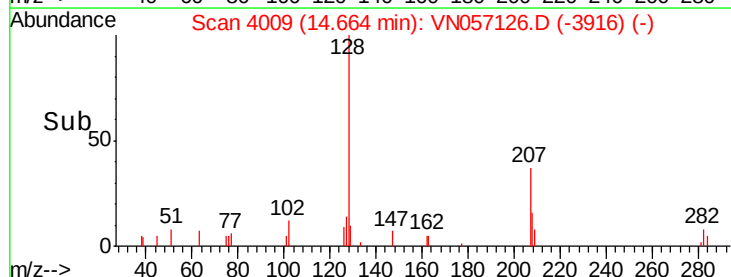
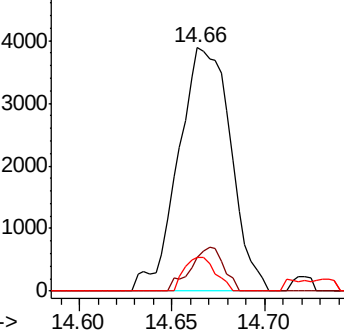
129 8.2 8.8 13.2#

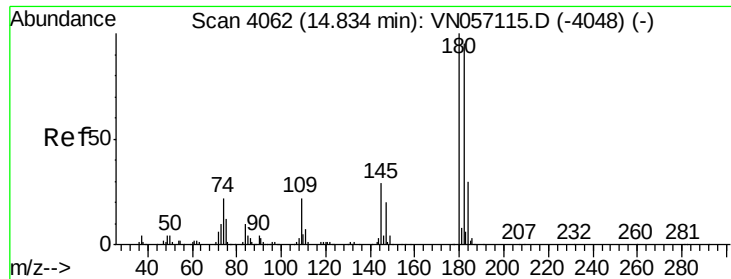


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 6.042 ug/l

RT: 14.84 min Scan# 4063

Delta R.T. 0.00 min

Lab File: VN057126.D

Acq: 8 Aug 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

EO-01-080719-C

Tgt Ion:180 Resp: 2595

Ion Ratio Lower Upper

180 100

182 62.7 48.3 144.8

145 27.0 14.9 44.5

